

Steps for Taking a Shade:

1. Take the Shade and Photographs at the Beginning of the Appointment. This Avoids Eye Fatigue & the teeth are not desiccated.
2. Turn off the Dental Exam Light
3. Use a Neutral Patient Towel (Blue or Gray, Never Yellow)
4. Use Color Corrected Fluorescent Lights in Treatment Rooms.
5. Set the Chair at 45 degrees and view the patient at eye level and at arms length.
6. Be sure there are no shadows present.
7. Position Shade Tab in the same Plane as the teeth.
8. Squint eyes to use the cones of the eye. The cones are better for value and color than the rods that are being utilized more when you are not squinting.
9. After 10 seconds, look at gray or blue before trying another Shade Tab.

Setting up to Communicate shades in the best possible ways:

Crown Works uses the 3D Vita Shade guide including the bleach tabs, Vita Classic and Chromascope. We have Phillips F32T8/ADV850 Alto High Performance 32 Watt 5000 Kelvin lights throughout the lab.

1. Know the type and Kelvin of the color corrected lights that your lab uses.
2. Use the same shade guide that your lab uses.
3. Understand the difference in Hue, Chroma & Value.

When using the Vita 3D Master Shade Guide:

- ✓ **Value** is the most important and often misunderstood, or neglected portion of the shade communication. It is the lightness or darkness of a hue.
- ✓ **Chroma** is the concentration or saturation of a hue, it states intensity.
- ✓ **Hue** is the specific **color**.

First, determine the value by selecting the closest match from 1 of 5 value groups. Second, determine the chroma within the value group from 3 choices. Finally, select the hue by determining whether the natural tooth has a more **yellow** or **red** cast than the shade sample selected.



Some Individuals may have a Color Deficiency or Color Blindness. This would be characterized by:

- ✓ The inability to clearly distinguish different colors.
- ✓ See Color in a limited range of Hues and Saturation
- ✓ Red/Green is the most common deficiency
- ✓ Blue color blindness is the inability to distinguish both blue and yellow. These would be seen as **white** or **gray**.
- ✓ You can check to see if you are deficient or color blind at www.toledo-bend.com/colorblind/ishihara.asp