

Converting Colors

HunterLab(66.5460, 26.3254,
38.6754)

Have a look what the booklet for
HunterLab(66.5460, 26.3254,
38.6754) contains.

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Color

**HunterLab(66.5443, 26.3295,
38.6747)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9933
RGB	255, 153, 51
RGB Percent	100%, 60%, 20%
CMY	0.0000, 0.4000, 0.8000
CMYK	0.00, 0.40, 0.80, 0.00
HSL	30°, 100%, 60%
HSV	30°, 80%, 100%
XYZ	53.2287, 44.2814, 8.8737
YIQ	171.8700, 93.5340, -10.0980

Conversions

Conversions Part 2

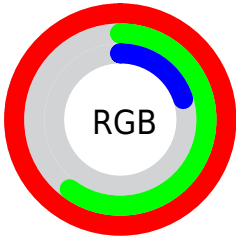
Format	Color
R_{YB}	255, 255, 51
Decimal	16750899
CIE _{Lab}	72.42, 31.03, 65.73
CIE _{LCh}	72, 72.685, 64.731
Yxy	44.2838, 0.5003, 0.4162
Android (android.graphics.Color)	4294940979 (0xFFFF9933)
YUV	171.8700, -59.5889, 72.9050
Hunter-Lab	66.5443, 26.3295, 38.6747

Details

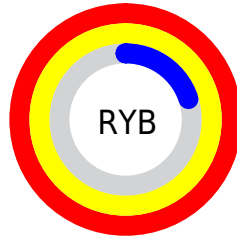
The HunterLab color **66.5443, 26.3295, 38.6747** is a light color, and the websafe version is hex **FF9933**, and the color name is **deep saffron**. The color can be described as light washed orange. A complement of this color would be **55.4118, 2.2647, -67.0442**, and the grayscale version is **64.3888, -3.4356, 3.4984**.

A 20% lighter version of the original color is **82.0924, 0.5988, 40.9431**, and **45.2922, 24.7512, 28.3421** is the 20% darker color. If you saturate the color by 10%, you get **63.3750, 32.2781, 38.7292**, and if you desaturate by 10%, it is **69.9805, 20.7662, 37.6142**.

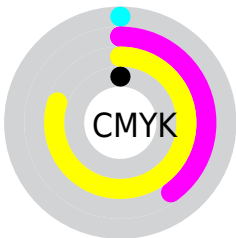
Distribution



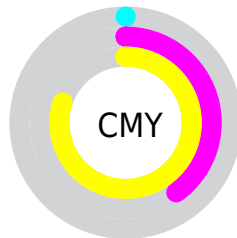
- Red (100%)
- Green (60%)
- Blue (20%)



- Red (100%)
- Yellow (100%)
- Blue (20%)



- Cyan (0%)
- Magenta (40%)
- Yellow (80%)
- Black (0%)




- Cyan (0%)
- Magenta (40%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 66.5443, 26.3295, 38.6747 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 66.5443, 26.3295, 38.6747 by changing the saturation by 10% instead.


 66.5443, 26.3295,
38.6747

 66.5443, 26.3295,
38.6747


190.7524, 30.5827,
73.6556


 55.5821, 25.4557,
34.0393


 90.3574, 27.7797,
47.3514


 45.2967, 24.4777,
29.1691

 103.1426, 28.3809,
51.4419


 35.7380, 23.3794,
24.1578


 116.4798, 28.9070,
55.3963

 26.9662, 22.1483,
18.8764

 130.3469, 29.3637,
59.2321

 19.0595, 20.7761,
13.3416

 144.7244, 29.7557,
62.9642

 12.1254, 19.2786,
8.4878

 159.5948, 30.0872,

 5.1736, 26.2595,

66.6052

3.6215

174.9423, 30.3618,
70.1660

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.5443, 26.3295,
38.6747

■ 66.5443, 26.3295,
38.6747

■ 63.3750, 32.2781,
38.7292

■ 69.9805, 20.7662,
37.6142

■ 60.4735, 38.4951,
37.9373

■ 73.6625, 15.6579,
35.5462

■ 60.4731, 38.4960,
37.9372

■ 77.5746, 11.0254,
32.5163

■ 81.6992, 6.8709,
28.5912

■ 86.0192, 3.1817,

23.8460

■ 90.5189, -0.0640,
18.3569

■ 95.1837, -2.8934,
12.1966

99.9999, -5.3360,
5.4331

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.5460, 58.2891, 29.9828



66.5443, 26.3295, 38.6747



66.5460, -8.7992, 40.3718

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.5460, 26.3254, 38.6754



66.5460, -56.4704, -1.6484



66.5460, 37.3924, -69.2519

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



66.5443, 26.3295, 38.6747



55.4118, 2.2647, -67.0442

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.5460, 1.8583, -91.3261



66.5443, 26.3295, 38.6747



66.5460, -48.7560, -41.7586

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.5460, 26.3254, 38.6754



66.5460, -52.4746, 24.8763



66.5460, -28.9444, -79.3513



66.5460, 65.5161, -28.3088

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.5443, 26.3295, 38.6747



66.5460, -28.4805, 38.7539



66.5460, -28.9444, -79.3513



66.5460, 25.6846, -79.8505

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



66.5460, 26.3254, 38.6754



88.6982, 1.1832, 20.6380



50.9193, 79.7659, -2.3192



40.2962, 1.0878, 10.4442

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.5460, 26.3254, 38.6754



61.6036, 35.9986, 38.3082



96.4460, -25.1658, 57.0634



44.1450, -1.3986, 5.4944



44.0537, 27.0311, 27.6189



14.5191, 6.6958, 9.0638

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



55.4118, 2.2647, -67.0442



48.9383, 11.0503, -84.2707



32.0808, 58.4742, -154.0557



43.4492, -3.1010, -0.9138



34.7405, 8.9780, -62.8035



11.8048, 0.9861, -16.8836

Previews

White Background



This preview shows how the HunterLab color 66.5443, 26.3295, 38.6747 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 66.5443, 26.3295, 38.6747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 66.5443, 26.3295, 38.6747 Background



This preview shows how black text looks on a background with the HunterLab color 66.5443, 26.3295, 38.6747.



This preview shows how white text looks on a background with the HunterLab color 66.5443, 26.3295,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

66.5443, 26.3295, 38.6747

Protanopia

66.5495, -8.5366, 37.2917

Deuteranopia

66.6428, 4.9826, 38.9435



Tritanopia

66.4967, 38.0334, 13.5970

Trichromacy



Original Color

66.5443, 26.3295, 38.6747

Protanomaly

66.1149, 3.3376, 37.5568

Deuteranomaly

66.3791, 12.5672, 38.7204

Tritanomaly

66.3799, 32.4262, 26.1617

Monochromacy



Original Color

66.5443, 26.3295, 38.6747

Achromatopsia

64.2295, -3.4271, 3.4897

Achromatomaly

64.0510, 4.1458, 20.6365

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.5443, 26.3295, 38.6747 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 153, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 51)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 153, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 66.5443, 26.3295, 38.6747 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 153, 51) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(255, 153, 51) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(255, 153, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.5443, 26.3295, 38.6747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 51) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
153, 51) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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