

Converting Colors

HunterLab(65.2119, 20.5983,
40.5177)

Have a look what the booklet for
HunterLab(65.2119, 20.5983,
40.5177) contains.

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Color

**HunterLab(65.2119, 20.5983,
40.5177)**

Conversions

Conversions Part 1

Format	Color
Hex	F59A01
RGB	245, 154, 1
RGB Percent	96%, 60%, 0%
CMY	0.0392, 0.3961, 0.9960
CMYK	0.00, 0.37, 1.00, 0.04
HSL	38°, 99%, 48%
HSV	38°, 100%, 96%
XYZ	49.2173, 42.5259, 5.6431
YIQ	163.7670, 103.3490, -28.2910

Conversions

Conversions Part 2

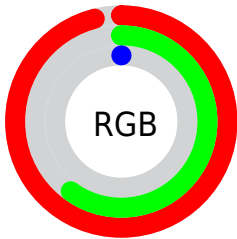
Format	Color
R_{YB}	146, 245, 1
Decimal	16095745
CIE _{Lab}	71.23, 25.51, 75.83
CIE _{LCh}	71, 80.006, 71.410
Yxy	42.5281, 0.5054, 0.4367
Android (android.graphics.Color)	4294285825 (0xFFFF59A01)
YUV	163.7670, -80.2441, 71.2413
Hunter-Lab	65.2119, 20.5983, 40.5177

Details

The HunterLab color **65.2119, 20.5983, 40.5177** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **37.7555, 30.0053, -111.8667**, and the grayscale version is **61.1247, -3.2615, 3.3210**.

A 20% lighter version of the original color is **82.0955, -1.5116, 45.4897**, and **44.3233, 19.6580, 27.6560** is the 20% darker color. If you saturate the color by 10%, you get **65.1160, 20.7805, 40.4880**, and if you desaturate by 10%, it is **67.6243, 16.1703, 41.1207**.

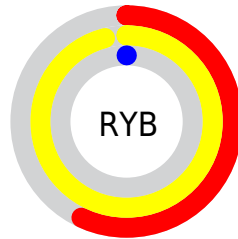
Distribution



Red (96%)

Green (60%)

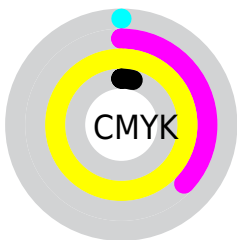
Blue (0%)



Red (57%)

Yellow (96%)

Blue (0%)

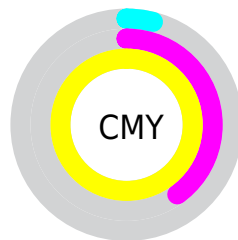


Cyan (0%)

Magenta (37%)

Yellow (100%)

Black (4%)



Cyan (4%)


Magenta (40%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 65.2119, 20.5983, 40.5177 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 65.2119, 20.5983, 40.5177 by changing the saturation by 10% instead.


 65.2119, 20.5983,
40.5177

 65.2119, 20.5983,
40.5177


188.8565, 23.0898,
80.3855

 54.3278, 19.9488,
35.2307


 88.8810, 21.6193,
50.4417

 44.1257, 19.2007,
29.7136


 101.5993, 22.0148,
55.1196


 34.6568, 18.3371,
24.2598


 114.8723, 22.3410,
59.6366

 25.9830, 17.3424,
18.1881

 128.6777, 22.6029,
64.0114

 18.1850, 16.2003,
12.7295

 142.9957, 22.8052,
68.2603

 11.3755, 14.9043,
7.9628

 157.8086, 22.9516,

 3.6954, 29.8786,

72.3977

2.5868

173.1004, 23.0455,
76.4359

0.0000, NaN, NaN

0.0000, NaN, NaN

65.2119, 20.5983,
40.5177

65.2119, 20.5983,
40.5177

65.1160, 20.7805,
40.4880

67.6243, 16.1703,
41.1207

70.1819, 12.0782,
40.9064

72.8917, 8.3955,
39.7183

75.7506, 5.1521,
37.5249

78.7539, 2.3595,

34.3336

■ 81.8953, 0.0171,
30.1755

■ 85.1683, -1.8849,
25.0956

■ 88.5660, -3.3618,
19.1465

■ 92.0816, -4.4330,
12.3843

Harmonies

Analogous

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



65.2136, 58.3893, 34.1864



65.2119, 20.5983, 40.5177



65.2136, -16.8747, 41.0353

Triad

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



65.2136, 20.5944, 40.5183



65.2136, -59.2778, -11.1885



65.2136, 50.1148, -69.6153

Complementary

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



65.2119, 20.5983, 40.5177



37.7555, 30.0053, -111.8667

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.



65.2136, 11.0846, -102.6163



65.2119, 20.5983, 40.5177



65.2136, -48.4493, -58.3583

Square

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



65.2136, 20.5944, 40.5183



65.2136, -57.8313, 21.5413



65.2136, -24.5060, -97.6319



65.2136, 77.8659, -21.7064

Rectangle

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



65.2119, 20.5983, 40.5177



65.2136, -36.3595, 38.7968



65.2136, -24.5060, -97.6319



65.2136, 37.5563, -83.7616

Sweetspot

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



65.2136, 20.5944, 40.5183



88.9624, -1.8876, 26.5384



45.0026, 78.7598, 14.9886



40.4822, -0.5056, 13.3613

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.2136, 20.5944, 40.5183



68.0931, 21.8516, 42.3412



89.4355, -34.4960, 54.4864



42.6781, -2.0578, 5.7047



48.0800, 14.6723, 29.8835



14.9279, 3.0235, 9.2515

Inverse Universe

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



37.7555, 30.0053, -111.8667



39.2716, 31.9583, -118.0749



26.2352, 69.8402, -177.8374



41.1572, -2.2534, -1.3905



28.0359, 21.1836, -80.7718



9.3868, 3.8223, -19.9840

Previews

White Background



This preview shows how the HunterLab color 65.2119, 20.5983, 40.5177 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 65.2119, 20.5983, 40.5177 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 65.2119, 20.5983, 40.5177 Background



This preview shows how black text looks on a background with the HunterLab color 65.2119, 20.5983, 40.5177.



This preview shows how white text looks on a background with the HunterLab color 65.2119, 20.5983,

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

65.2119, 20.5983, 40.5177

Protanopia

65.2487, -8.9567, 39.5291

Deuteranopia

65.3028, 4.5008, 40.3181



Tritanopia

65.1822, 37.7491, 13.0176

Trichromacy



Original Color

65.2119, 20.5983, 40.5177

Protanomaly

64.7766, 1.3207, 39.6198

Deuteranomaly

65.3174, 10.1834, 40.4266

Tritanomaly

64.7217, 29.3380, 29.8093

Monochromacy



Original Color

65.2119, 20.5983, 40.5177

Achromatopsia

60.9293, -3.2510, 3.3104

Achromatomaly

61.2364, 1.0179, 24.8116

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.2119, 20.5983, 40.5177 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(245, 154, 1)` looks like.

```
.text, #text, p{  
    color:rgb(245, 154, 1)  
}
```

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(245, 154, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 154, 1) }
```

Border

The CSS property to change the border of an element to HunterLab 65.2119, 20.5983, 40.5177 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(245, 154, 1) }
```


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

```
.border{ border-color:rgb(245, 154, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 154, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 154, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 154, 1);  
box-shadow:4px 4px 4px 4px rgb(245, 154,  
1) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.2119, 20.5983, 40.5177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 154, 1) }
```

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

```
.background{ background-color: rgb(245,  
154, 1) }
```

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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