

Converting Colors

HunterLab(65.1131, 22.1715,
35.9568)

Have a look what the booklet for
HunterLab(65.1131, 22.1715,
35.9568) contains.

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Color

**HunterLab(65.1131, 22.1715,
35.9568)**

Conversions

Conversions Part 1

Format	Color
Hex	F49941
RGB	244, 153, 65
RGB Percent	96%, 60%, 25%
CMY	0.0431, 0.4000, 0.7451
CMYK	0.00, 0.37, 0.73, 0.04
HSL	29°, 89%, 61%
HSV	29°, 73%, 96%
XYZ	49.6535, 42.3972, 10.5674
YIQ	170.1770, 82.4840, -8.0760

Conversions

Conversions Part 2

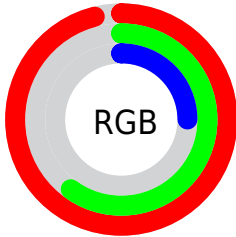
Format	Color
R_{YB}	244, 238, 65
Decimal	16030017
CIE _{Lab}	71.15, 27.07, 58.34
CIE _{LCh}	71, 64.312, 65.109
Yxy	42.3993, 0.4839, 0.4132
Android (android.graphics.Color)	4294220097 (0xFFFF49941)
YUV	170.1770, -51.8523, 64.7428
Hunter-Lab	65.1131, 22.1715, 35.9568

Details

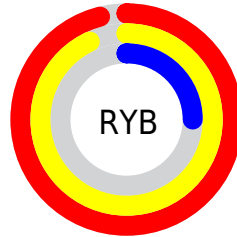
The HunterLab color **65.1131, 22.1715, 35.9568** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **56.0631, -1.3298, -55.9911**, and the grayscale version is **63.6598, -3.3967, 3.4588**.

A 20% lighter version of the original color is **82.2533, 1.4697, 38.5787**, and **43.8876, 20.6755, 27.2501** is the 20% darker color. If you saturate the color by 10%, you get **61.9058, 27.6691, 36.6559**, and if you desaturate by 10%, it is **68.5708, 17.0759, 34.3032**.

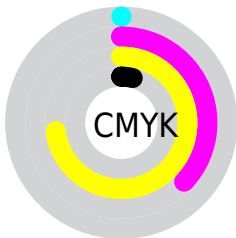
Distribution



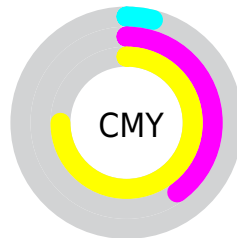
- Red (96%)
- Green (60%)
- Blue (25%)



- Red (96%)
- Yellow (93%)
- Blue (25%)



- Cyan (0%)
- Magenta (37%)
- Yellow (73%)
- Black (4%)





- Cyan (4%)
- Magenta (40%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 65.1131, 22.1715, 35.9568 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 65.1131, 22.1715, 35.9568 by changing the saturation by 10% instead.


 65.1131, 22.1715,
35.9568


 65.1131, 22.1715,
35.9568


188.7156, 25.1932,
67.5971


 54.2348, 21.4532,
31.7694


 88.7714, 23.3234,
43.7841


 44.0390, 20.6338,
27.3564


 101.4847, 23.7811,
47.4752


 34.5768, 19.6966,
22.6929


 114.7530, 24.1675,
51.0463

 25.9103, 18.6266,
18.1372

 128.5538, 24.4879,
54.5141

 18.1205, 17.4096,
12.6844

 142.8673, 24.7469,
57.8924

 11.3203, 16.0465,
7.9242

157.6759, 24.9486,

 3.5609, 32.9340,

61.1927

2.4926

172.9635, 25.0964,
64.4249

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.1131, 22.1715,
35.9568

■ 65.1131, 22.1715,
35.9568

■ 61.9058, 27.6691,
36.6559

■ 68.5708, 17.0759,
34.3032

■ 58.9588, 33.5099,
36.4158

■ 72.2566, 12.4282,
31.7274


■ 57.1463, 37.4930,
35.8697


■ 76.1545, 8.2337,
28.2904


■ 80.2473, 4.4848,
24.0633


■ 84.5189, 1.1633,

19.1196

 88.9546, -1.7556,
13.5301

 93.5409, -4.2995,
7.3602

 98.0928, -7.4476,
3.1304

 98.9813, -8.8978,
4.1658

Harmonies

Analogous

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



65.1148, 49.7466, 27.5735



65.1131, 22.1715, 35.9568



65.1148, -8.4538, 37.6442

Triad

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



65.1148, 22.1677, 35.9575



65.1148, -50.9052, -1.4475



65.1148, 32.4755, -57.8797

Complementary

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



65.1131, 22.1715, 35.9568



56.0631, -1.3298, -55.9911

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.



65.1148, 1.6521, -76.3975



65.1131, 22.1715, 35.9568



65.1148, -43.6991, -35.7691

Square

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



65.1148, 22.1677, 35.9575



65.1148, -47.3696, 22.4164



65.1148, -25.6812, -66.8910



65.1148, 56.4018, -23.5138

Rectangle

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



65.1131, 22.1715, 35.9568



65.1148, -25.8489, 35.9251



65.1148, -25.6812, -66.8910



65.1148, 22.3918, -66.7245

Sweetspot

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



65.1148, 22.1677, 35.9575



89.4617, 0.7982, 19.3704



50.4626, 72.0197, -5.3777



40.8133, 0.7815, 9.6590

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.1148, 22.1677, 35.9575



63.5493, 32.0292, 38.5357



90.8486, -21.9944, 52.3314



42.2231, -1.2956, 5.2162



42.4612, 26.8876, 26.6351



13.3785, 6.1850, 8.3520

Inverse Universe

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



56.0631, -1.3298, -55.9911



52.5891, 5.3112, -74.1646



34.3337, 46.8871, -125.8216



41.6166, -3.0121, -0.8258



34.1602, 7.8240, -59.5871



11.0965, 0.5272, -15.0077

Previews

White Background



This preview shows how the HunterLab color 65.1131, 22.1715, 35.9568 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 65.1131, 22.1715, 35.9568 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 65.1131, 22.1715, 35.9568 Background



This preview shows how black text looks on a background with the HunterLab color 65.1131, 22.1715, 35.9568.



This preview shows how white text looks on a background with the HunterLab color 65.1131, 22.1715,

35.9568.

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

65.1131, 22.1715, 35.9568

Protanopia

65.2566, -8.2985, 34.6493

Deuteranopia

65.2034, 4.6835, 36.2455



Tritanopia

65.1301, 36.4106, 12.9398

Trichromacy



Original Color

65.1131, 22.1715, 35.9568

Protanomaly

64.8569, 2.2153, 34.8563

Deuteranomaly

64.9372, 10.8614, 36.0431

Tritanomaly

64.8435, 30.5065, 23.6549

Monochromacy



Original Color

65.1131, 22.1715, 35.9568

Achromatopsia

63.4017, -3.3830, 3.4447

Achromatomaly

63.3144, 3.2848, 18.6293

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.1131, 22.1715, 35.9568 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(244, 153, 65)` looks like.

```
.text, #text, p{  
    color:rgb(244, 153, 65)  
}
```

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(244, 153, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 153, 65) }
```

Border

The CSS property to change the border of an element to HunterLab 65.1131, 22.1715, 35.9568 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(244, 153, 65) }
```


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

```
.border{ border-color:rgb(244, 153, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 153, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 153, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 153, 65);  
box-shadow:4px 4px 4px 4px rgb(244, 153,  
65) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.1131, 22.1715, 35.9568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 153, 65) }
```

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

```
.background{ background-color: rgb(244,  
153, 65) }
```

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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