

Converting Colors

HunterLab(49.6510, 63.6469,
31.5718)

Have a look what the booklet for
HunterLab(49.6510, 63.6469,
31.5718) contains.

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Color

**HunterLab(49.6510, 63.6469,
31.5718)**

Conversions

Conversions Part 1

Format	Color
Hex	FB4404
RGB	251, 68, 4
RGB Percent	98%, 27%, 2%
CMY	0.0157, 0.7333, 0.9843
CMYK	0.00, 0.73, 0.98, 0.02
HSL	16°, 97%, 50%
HSV	16°, 98%, 98%
XYZ	41.8727, 24.6522, 2.6663
YIQ	115.4210, 129.6120, 18.8920

Conversions

Conversions Part 2

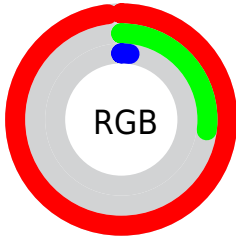
Format	Color
R _Y B	251, 90, 4
Decimal	16466948
CIE Lab	56.74, 66.94, 67.33
CIE LCh	57, 94.938, 45.167
Yxy	24.6537, 0.6052, 0.3563
Android (android.graphics.Color)	4294657028 (0xFFFB4404)
YUV	115.4210, -54.9306, 118.9028
Hunter-Lab	49.6510, 63.6469, 31.5718

Details

The HunterLab color **49.6510, 63.6469, 31.5718** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **65.2125, -17.6888, -43.1034**, and the grayscale version is **41.7400, -2.2271, 2.2678**.

A 20% lighter version of the original color is **60.8933, 39.7502, 33.3487**, and **32.1159, 54.9994, 20.7525** is the 20% darker color. If you saturate the color by 10%, you get **49.2901, 64.6698, 31.5045**, and if you desaturate by 10%, it is **52.2986, 56.5473, 31.8907**.

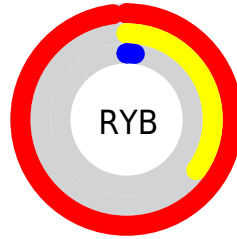
Distribution



Red (98%)

Green (27%)

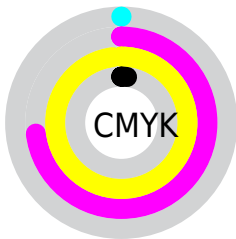
Blue (2%)



Red (98%)

Yellow (35%)

Blue (2%)

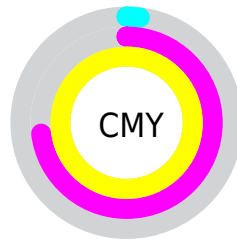


Cyan (0%)

Magenta (73%)

Yellow (98%)

Black (2%)



Cyan (2%)


Magenta (73%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 49.6510, 63.6469, 31.5718 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 49.6510, 63.6469, 31.5718 by changing the saturation by 10% instead.


 49.6510, 63.6469,
31.5718


 49.6510, 63.6469,
31.5718


166.1653, 79.7751,
69.2183


 39.7734, 61.4110,
26.4602


 71.4807, 67.8758,
41.0832


 30.6535, 59.1607,
21.4574


 83.3489, 69.8522,
45.5264


 22.3620, 57.0109,
15.6534

 95.8097, 71.7316,
49.7954

 14.9920, 55.2813,
10.4944

 108.8362, 73.5159,
53.9131

 8.6358, 55.4086,
6.0450

 122.4048, 75.2085,
57.8987


0.0000, INF, NaN

0.0000, INF, NaN


 136.4946, 76.8132,


61.7691


0.0000, NaN, NaN


 151.0870, 78.3341,
65.5383


0.0000, NaN, NaN


 49.6510, 63.6469,
31.5718


 49.6510, 63.6469,
31.5718


 49.2901, 64.6698,
31.5045

 52.2986, 56.5473,
31.8907

 55.6076, 48.8259,
31.3720

 59.5340, 40.8970,
29.9760

 64.0158, 33.0633,
27.7956

 68.9880, 25.5171,
24.9565

74.3890, 18.3605,
21.5827

80.1639, 11.6321,
17.7812

86.2652, 5.3302,
13.6386

92.6528, -0.5689,
9.2222

Harmonies

Analogous

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



49.6525, 94.8997, 18.2259



49.6510, 63.6469, 31.5718



49.6525, 18.4968, 34.2519

Triad

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



49.6525, 63.6416, 31.5725



49.6525, -57.0872, 17.9606



49.6525, 18.9986, -131.4015

Complementary

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



49.6510, 63.6469, 31.5718



65.2125, -17.6888, -43.1034

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.



49.6525, -20.7634, -131.7311



49.6510, 63.6469, 31.5718



49.6525, -57.0293, -20.3656

Square

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



49.6525, 63.6416, 31.5725



49.6525, -46.1024, 31.5076



49.6525, -45.9073, -81.5996



49.6525, 64.1072, -80.8913

Rectangle

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



49.6510, 63.6469, 31.5718



49.6525, -9.3580, 34.4838



49.6525, -45.9073, -81.5996



49.6525, 4.4299, -138.2014

Sweetspot

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



49.6525, 63.6416, 31.5725



80.6422, 12.9230, 18.7565



49.2757, 91.4110, -26.1361



36.1519, 7.3052, 9.4432

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.6525, 63.6416, 31.5725



50.1661, 65.8986, 32.0658



75.5121, 5.0918, 46.5291



42.3750, 0.0251, 4.4771



36.0125, 46.0543, 22.9970



11.6830, 11.9461, 7.4081

Inverse Universe

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



65.2125, -17.6888, -43.1034



66.0142, -17.5620, -44.6008



32.9520, 47.4032, -143.0785



43.3618, -4.4087, 0.1360



47.2844, -12.9047, -31.2437



14.9729, -4.7545, -8.4512

Previews

White Background



This preview shows how the HunterLab color 49.6510, 63.6469, 31.5718 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 49.6510, 63.6469, 31.5718 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 × Fail

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

HunterLab 49.6510, 63.6469, 31.5718 Background



This preview shows how black text looks on a background with the HunterLab color 49.6510, 63.6469, 31.5718.



This preview shows how white text looks on a background with the HunterLab color 49.6510, 63.6469,

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

49.6510, 63.6469, 31.5718

Protanopia

49.8498, -6.6922, 29.2175

Deuteranopia

49.7352, 2.6738, 30.6934



Tritanopia

49.7550, 67.0571, 25.6907

Trichromacy



Original Color

49.6510, 63.6469, 31.5718

Protanomaly

47.3895, 18.4166, 28.6956

Deuteranomaly

47.8906, 25.5882, 29.9224

Tritanomaly

49.6492, 65.8073, 29.0164

Monochromacy



Original Color

49.6510, 63.6469, 31.5718

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

41.3955, 17.8849, 16.2867

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6510, 63.6469, 31.5718 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(251, 68, 4)` looks like.

```
.text, #text, p{  
    color:rgb(251, 68, 4)  
}
```

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(251, 68, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 68, 4) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6510, 63.6469, 31.5718 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(251, 68, 4) }
```


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

```
.border{ border-color:rgb(251, 68, 4) }
```

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

Here you see how a box with a 4 pixel rgb(251, 68, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 68, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 68, 4);  
box-shadow:4px 4px 4px 4px rgb(251, 68, 4)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 49.6510, 63.6469, 31.5718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 68, 4) }
```

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

```
.background{ background-color: rgb(251, 68,  
4) }
```

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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