

Converting Colors

HunterLab(49.4663, 63.2553,
31.4162)

Have a look what the booklet for
HunterLab(49.4663, 63.2553,
31.4162) contains.

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Color

**HunterLab(49.4663, 63.2553,
31.4162)**

Conversions

Conversions Part 1

Format	Color
Hex	FA4405
RGB	250, 68, 5
RGB Percent	98%, 27%, 2%
CMY	0.0196, 0.7333, 0.9804
CMYK	0.00, 0.73, 0.98, 0.02
HSL	15°, 96%, 50%
HSV	15°, 98%, 98%
XYZ	41.5188, 24.4691, 2.6783
YIQ	115.2360, 128.6950, 18.9910

Conversions

Conversions Part 2

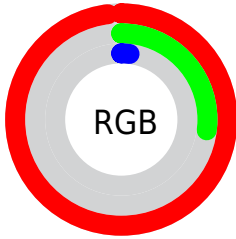
Format	Color
RYB	250, 90, 5
Decimal	16401413
CIELab	56.56, 66.64, 66.93
CIElCh	57, 94.446, 45.124
Yxy	24.4706, 0.6046, 0.3564
Android (android.graphics.Color)	4294591493 (0xFFFA4405)
YUV	115.2360, -54.3463, 118.1880
Hunter-Lab	49.4663, 63.2553, 31.4162

Details

The HunterLab color **49.4663, 63.2553, 31.4162** 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 **65.1693, -17.9455, -42.4396**, and the grayscale version is **41.6667, -2.2232, 2.2638**.

A 20% lighter version of the original color is **60.6798, 40.2570, 33.2089**, and **31.9223, 54.6680, 20.6274** is the 20% darker color. If you saturate the color by 10%, you get **49.0144, 64.5363, 31.3323**, and if you desaturate by 10%, it is **52.1217, 56.1610, 31.7029**.

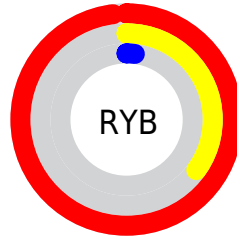
Distribution



Red (98%)

Green (27%)

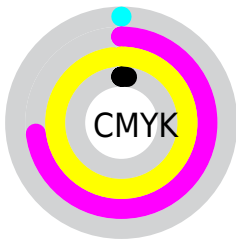
Blue (2%)



Red (98%)

Yellow (35%)

Blue (2%)

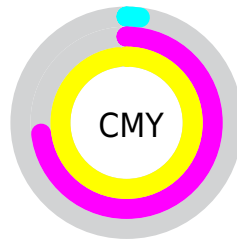


Cyan (0%)

Magenta (73%)

Yellow (98%)

Black (2%)



Cyan (2%)

Magenta (73%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.4663, 63.2553, 31.4162 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 49.4663, 63.2553, 31.4162 by changing the saturation by 10% instead.

49.4663, 63.2553,
31.4162

49.4663, 63.2553,
31.4162

165.8889, 79.3207,
68.8884

39.6019, 61.0250,
26.3250

71.2721, 67.4715,
40.8856

30.4962, 58.7795,
21.3474

83.1293, 69.4411,
45.3082

22.2205, 56.6341,
15.5543

95.5797, 71.3135,
49.5572

14.8682, 54.9095,
10.4077

108.5962, 73.0906,
53.6553

8.5193, 55.1883,
5.9635

122.1552, 74.7759,
57.6221


0.0000, INF, NaN

0.0000, INF, NaN


136.2357, 76.3734,


61.4742


0.0000, NaN, NaN


 150.8192, 77.8870,
65.2256


0.0000, NaN, NaN


 49.4663, 63.2553,
31.4162


 49.4663, 63.2553,
31.4162


 49.0144, 64.5363,
31.3323

 52.1217, 56.1610,
31.7029

 55.4384, 48.4557,
31.1432

 59.3711, 40.5490,
29.7144

 63.8572, 32.7409,
27.5122

 68.8317, 25.2213,
24.6629

74.2329, 18.0904,
21.2896

80.0060, 11.3855,
17.4982

86.1038, 5.1044,
13.3738

92.4863, -0.7771,
8.9826

Harmonies

Analogous

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



49.4678, 94.2392, 18.0916



49.4663, 63.2553, 31.4162



49.4678, 18.4303, 34.1055

Triad

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



49.4678, 63.2500, 31.4169



49.4678, -56.7677, 17.8950



49.4678, 18.8013, -130.3884

Complementary

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



49.4663, 63.2553, 31.4162



65.1693, -17.9455, -42.4396

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.



49.4678, -20.6879, -130.6317



49.4663, 63.2553, 31.4162



49.4678, -56.7248, -20.1416

Square

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



49.4678, 63.2500, 31.4169



49.4678, -45.8160, 31.3686



49.4678, -45.6714, -80.8781



49.4678, 63.5941, -80.3552

Rectangle

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



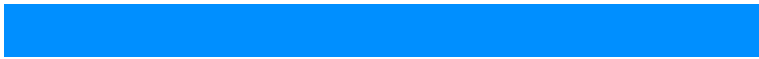
49.4663, 63.2553, 31.4162



49.4678, -9.2521, 34.3391



49.4678, -45.6714, -80.8781



49.4678, 4.3343, -137.1018

Sweetspot

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



49.4678, 63.2500, 31.4169



81.2027, 12.3320, 18.3138



49.0874, 90.9575, -26.1393



36.3886, 7.0441, 9.2529

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.4678, 63.2500, 31.4169



50.1078, 66.0753, 32.0329



75.2480, 4.9412, 46.3407



42.3683, 0.0366, 4.4698



35.9696, 46.1827, 22.9728



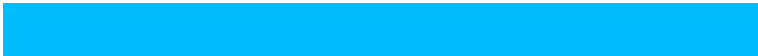
11.6678, 11.9875, 7.3995

Inverse Universe

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



65.1693, -17.9455, -42.4396



66.1777, -17.7986, -44.2943



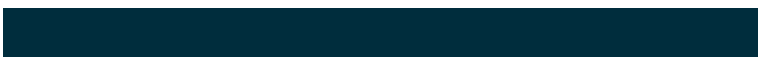
32.9550, 46.7626, -141.5899



43.3688, -4.4199, 0.1444



47.3989, -13.0698, -31.0306



15.0039, -4.7977, -8.3966

Previews

White Background



This preview shows how the HunterLab color 49.4663, 63.2553, 31.4162 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 49.4663, 63.2553, 31.4162 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 49.4663, 63.2553, 31.4162 Background



This preview shows how black text looks on a background with the HunterLab color 49.4663, 63.2553, 31.4162.



This preview shows how white text looks on a background with the HunterLab color 49.4663, 63.2553,

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

49.4663, 63.2553, 31.4162

Protanopia

49.4665, -6.5918, 28.9724

Deuteranopia

49.4683, 3.1471, 30.5373



Tritanopia

49.5675, 66.6674, 25.5451

Trichromacy



Original Color

49.4663, 63.2553, 31.4162

Protanomaly

47.0221, 18.4966, 28.4641

Deuteranomaly

47.7484, 25.1814, 29.7919

Tritanomaly

49.4689, 65.4434, 28.7722

Monochromacy



Original Color

49.4663, 63.2553, 31.4162

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 49.4663, 63.2553, 31.4162 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(250, 68, 5)` looks like.

```
.text, #text, p{  
    color:rgb(250, 68, 5)  
}
```

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(250, 68, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 68, 5) }
```

Border

The CSS property to change the border of an element to HunterLab 49.4663, 63.2553, 31.4162 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(250, 68, 5) }
```


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

```
.border{ border-color:rgb(250, 68, 5) }
```

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

Here you see how a box with a 4 pixel rgb(250, 68, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 68, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 68, 5);  
box-shadow:4px 4px 4px 4px rgb(250, 68, 5)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 49.4663, 63.2553, 31.4162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 68, 5) }
```

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

```
.background{ background-color: rgb(250, 68,  
5) }
```

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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