

Converting Colors

HunterLab(49.2065, 54.2880,
31.2712)

Have a look what the booklet for
HunterLab(49.2065, 54.2880,
31.2712) contains.

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Color

**HunterLab(49.2571, 54.4193,
31.3047)**

Conversions

Conversions Part 1

Format	Color
Hex	F05000
RGB	240, 80, 0
RGB Percent	94%, 31%, 0%
CMY	0.0588, 0.6862, 1.0000
CMYK	0.00, 0.67, 1.00, 0.06
HSL	20°, 100%, 47%
HSV	20°, 100%, 94%
XYZ	38.8039, 24.2626, 2.6380
YIQ	118.7200, 121.0400, 9.0400

Conversions

Conversions Part 2

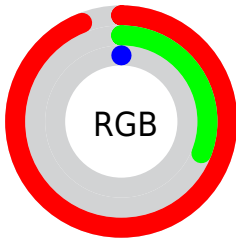
Format	Color
R_{YB}	240, 120, 0
Decimal	15749120
CIE _{Lab}	56.35, 59.06, 66.87
CIE _{LCh}	56, 89.219, 48.546
Yxy	24.2641, 0.5906, 0.3693
Android (android.graphics.Color)	4293939200 (0xFFFF05000)
YUV	118.7200, -58.5290, 106.3626
Hunter-Lab	49.2571, 54.4193, 31.3047

Details

The HunterLab color **49.2571, 54.4193, 31.3047** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **56.0627, -8.0120, -52.7777**, and the grayscale version is **43.0306, -2.2960, 2.3379**.

A 20% lighter version of the original color is **62.6406, 35.6212, 34.6314**, and **30.4756, 50.7259, 19.6670** is the 20% darker color. If you saturate the color by 10%, you get **49.2581, 54.4156, 31.3053**, and if you desaturate by 10%, it is **51.9217, 47.6267, 31.8407**.

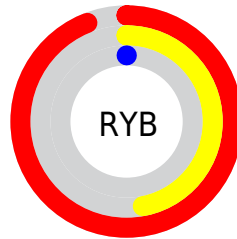
Distribution



Red (94%)

Green (31%)

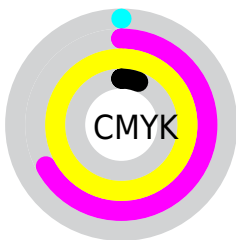
Blue (0%)



Red (94%)

Yellow (47%)

Blue (0%)

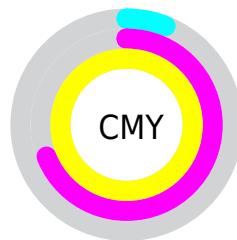


Cyan (0%)

Magenta (67%)

Yellow (100%)

Black (6%)



Cyan (6%)

Magenta (69%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.2571, 54.4193, 31.3047 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 49.2571, 54.4193, 31.3047 by changing the saturation by 10% instead.

49.2571, 54.4193,
31.3047

49.2571, 54.4193,
31.3047

165.5756, 68.4594,
68.7748

39.4076, 52.3734,
26.2130

71.0357, 58.2072,
40.7758

30.3182, 50.2672,
21.2227

82.8805, 59.9493,
45.1986

22.0603, 48.1737,
15.4422

95.3190, 61.5913,
49.4475

14.7282, 46.3136,
10.3097

108.3242, 63.1374,
53.5452

8.3852, 46.0774,
5.8696

121.8723, 64.5926,
57.5114


0.0000, INF, NaN

0.0000, INF, NaN


135.9423, 65.9616,


61.3626


0.0000, NaN, NaN


 150.5157, 67.2491,
65.1131

0.0000, NaN, NaN


 49.2571, 54.4193,
31.3047


 49.2571, 54.4193,
31.3047


 49.2581, 54.4156,
31.3053

 51.9217, 47.6267,
31.8407

 55.0717, 40.6108,
31.6349

 58.6801, 33.6637,
30.5525

 62.7044, 26.9675,
28.6457

 67.1008, 20.6296,
26.0064

■ 71.8274, 14.7009,
22.7358

■ 76.8464, 9.1937,
18.9297

■ 82.1247, 4.0956,
14.6720

■ 87.6334, -0.6187,
10.0330

Harmonies

Analogous

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



49.2586, 85.4828, 19.8210



49.2571, 54.4193, 31.3047



49.2586, 12.4369, 33.6635

Triad

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



49.2586, 54.4145, 31.3054



49.2586, -55.0605, 14.3973



49.2586, 22.3221, -115.7853

Complementary

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



49.2571, 54.4193, 31.3047



56.0627, -8.0120, -52.7777

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.



49.2586, -16.0805, -122.0214



49.2571, 54.4193, 31.3047



49.2586, -53.8561, -24.3326

Square

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



49.2586, 54.4145, 31.3054



49.2586, -45.6864, 29.8396



49.2586, -41.6897, -80.7692



49.2586, 63.4784, -67.2526

Rectangle

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



49.2571, 54.4193, 31.3047



49.2586, -12.8433, 33.7297



49.2586, -41.6897, -80.7692



49.2586, 8.4877, -123.7674

Sweetspot

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



49.2586, 54.4145, 31.3054



82.2687, 9.9054, 20.3220



45.8948, 84.1258, -13.2122



36.9930, 5.7128, 10.2284

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.2586, 54.4145, 31.3054



52.6862, 58.5277, 33.4896



77.3523, -4.7797, 47.5803



40.7673, -0.3965, 4.5350



36.7431, 39.4250, 23.3311



11.3989, 9.2463, 7.1858

Inverse Universe

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



56.0627, -8.0120, -52.7777



59.9718, -8.4466, -56.7258



27.9447, 56.4096, -156.6999



41.2182, -3.8050, -0.1597



41.7850, -6.4066, -38.3977



12.7849, -2.9629, -9.5840

Previews

White Background



This preview shows how the HunterLab color 49.2571, 54.4193, 31.3047 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 49.2571, 54.4193, 31.3047 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 49.2571, 54.4193, 31.3047 Background



This preview shows how black text looks on a background with the HunterLab color 49.2571, 54.4193, 31.3047.



This preview shows how white text looks on a background with the HunterLab color 49.2571, 54.4193,

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

49.2571, 54.4193, 31.3047

Protanopia

49.4478, -6.6959, 29.2495

Deuteranopia

49.3543, 2.7632, 30.4602



Tritanopia

49.2778, 59.2612, 22.7300

Trichromacy



Original Color

49.2571, 54.4193, 31.3047

Protanomaly

47.7938, 14.7596, 29.1006

Deuteranomaly

48.0673, 21.5303, 29.9958

Tritanomaly

49.2329, 57.0734, 27.7022

Monochromacy



Original Color

49.2571, 54.4193, 31.3047

Achromatopsia

42.9506, -2.2917, 2.3336

Achromatomaly

42.9086, 14.1851, 17.2406

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.2571, 54.4193, 31.3047 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(240, 80, 0)` looks like.

```
.text, #text, p{  
    color:rgb(240, 80, 0)  
}
```

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(240, 80, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 80, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 49.2571, 54.4193, 31.3047 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(240, 80, 0) }
```


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

```
.border{ border-color:rgb(240, 80, 0) }
```

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

Here you see how a box with a 4 pixel rgb(240, 80, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 80, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 80, 0);  
box-shadow:4px 4px 4px 4px rgb(240, 80, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 49.2571, 54.4193, 31.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 80, 0) }
```

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

```
.background{ background-color: rgb(240, 80,  
0) }
```

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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