

Converting Colors

HunterLab(49.4498, 53.6078,
31.4092)

Have a look what the booklet for
HunterLab(49.4498, 53.6078,
31.4092) contains.

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Color

**HunterLab(49.5579, 53.5746,
31.4753)**

Conversions

Conversions Part 1

Format	Color
Hex	F05200
RGB	240, 82, 0
RGB Percent	94%, 32%, 0%
CMY	0.0588, 0.6784, 1.0000
CMYK	0.00, 0.66, 1.00, 0.06
HSL	21°, 100%, 47%
HSV	21°, 100%, 94%
XYZ	38.9525, 24.5599, 2.6875
YIQ	119.8940, 120.4900, 7.9940

Conversions

Conversions Part 2

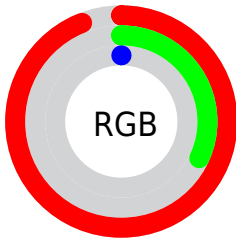
Format	Color
R_{YB}	240, 125, 0
Decimal	15749632
CIE Lab	56.65, 58.27, 67.02
CIE LCh	57, 88.806, 48.994
Yxy	24.5613, 0.5884, 0.3710
Android (android.graphics.Color)	4293939712 (0xFFFF05200)
YUV	119.8940, -59.1077, 105.3330
Hunter-Lab	49.5579, 53.5746, 31.4753

Details

The HunterLab color **49.5579, 53.5746, 31.4753** 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 **55.4457, -7.0370, -54.1111**, and the grayscale version is **43.4882, -2.3204, 2.3628**.

A 20% lighter version of the original color is **63.0929, 34.5930, 34.9250**, and **30.7051, 49.9546, 19.7949** is the 20% darker color. If you saturate the color by 10%, you get **49.5590, 53.5707, 31.4759**, and if you desaturate by 10%, it is **52.2407, 46.7906, 32.0286**.

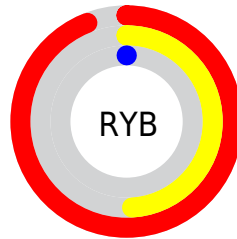
Distribution



Red (94%)

Green (32%)

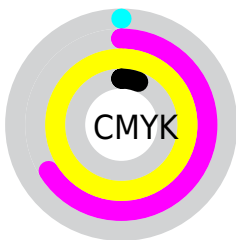
Blue (0%)



Red (94%)

Yellow (49%)

Blue (0%)

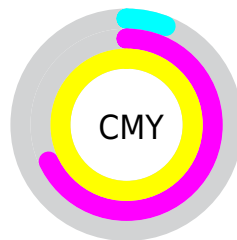


Cyan (0%)

Magenta (66%)

Yellow (100%)

Black (6%)



Cyan (6%)

Magenta (68%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.5579, 53.5746, 31.4753 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 49.5579, 53.5746, 31.4753 by changing the saturation by 10% instead.

49.5579, 53.5746,
31.4753

49.5579, 53.5746,
31.4753

166.0259, 67.3679,
68.9793

39.6869, 51.5529,
26.3806

71.3755, 57.3080,
40.9517

30.5741, 49.4656,
21.4019

83.2382, 59.0219,
45.3779

22.2906, 47.3793,
15.6034

95.6937, 60.6357,
49.6305

14.9296, 45.4982,
10.4507

108.7152, 62.1539,
53.7323

8.5773, 44.9249,
6.0041

122.2789, 63.5814,
57.7027


0.0000, INF, NaN

0.0000, INF, NaN


136.3641, 64.9232,


61.5582


0.0000, NaN, NaN


 150.9520, 66.1839,
65.3131


0.0000, NaN, NaN


 49.5579, 53.5746,
31.4753


 49.5579, 53.5746,
31.4753


 49.5590, 53.5707,
31.4759

 52.2407, 46.7906,
32.0286

 55.3941, 39.8230,
31.8374

 58.9925, 32.9509,
30.7655

 62.9951, 26.3456,
28.8624

 67.3595, 20.1072,
26.2173

■ 72.0459, 14.2819,
22.9295

■ 77.0178, 8.8794,
19.0938

■ 82.2433, 3.8863,
14.7937

■ 87.6945, -0.7233,
10.0999

Harmonies

Analogous

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



49.5594, 84.7592, 20.1287



49.5579, 53.5746, 31.4753



49.5594, 11.7638, 33.8140

Triad

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



49.5594, 53.5698, 31.4760



49.5594, -55.1350, 14.0107



49.5594, 22.8520, -114.4321

Complementary

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



49.5579, 53.5746, 31.4753



55.4457, -7.0370, -54.1111

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.



49.5594, -15.5788, -121.3835



49.5579, 53.5746, 31.4753



49.5594, -53.7729, -24.9559

Square

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



49.5594, 53.5698, 31.4760



49.5594, -45.9035, 29.7984



49.5594, -41.3938, -81.0375



49.5594, 63.7182, -65.9499

Rectangle

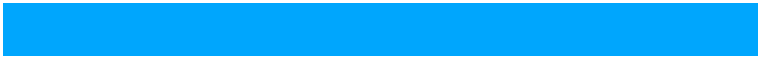
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49.5579, 53.5746, 31.4753



49.5594, -13.3421, 33.8593



49.5594, -41.3938, -81.0375



49.5594, 9.0398, -122.5803

Sweetspot

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



49.5594, 53.5698, 31.4760



82.4531, 9.5674, 20.4980



45.8947, 84.1258, -13.2120



37.0886, 5.5345, 10.3168

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.5594, 53.5698, 31.4760



53.0077, 57.6231, 33.6719



77.3522, -4.7797, 47.5803



40.7943, -0.4425, 4.5645



36.9688, 38.7985, 23.4592



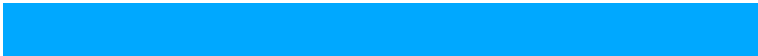
11.4680, 9.0726, 7.2253

Inverse Universe

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



55.4457, -7.0370, -54.1111



59.3091, -7.3982, -58.1607



27.9446, 56.4099, -156.7006



41.1903, -3.7597, -0.1933



41.3346, -5.6997, -39.3606



12.6701, -2.7919, -9.8095

Previews

White Background



This preview shows how the HunterLab color 49.5579, 53.5746, 31.4753 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 49.5579, 53.5746, 31.4753 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 49.5579, 53.5746, 31.4753 Background



This preview shows how black text looks on a background with the HunterLab color 49.5579, 53.5746, 31.4753.



This preview shows how white text looks on a background with the HunterLab color 49.5579, 53.5746,

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

49.5579, 53.5746, 31.4753

Protanopia

49.8312, -6.7955, 29.4925

Deuteranopia

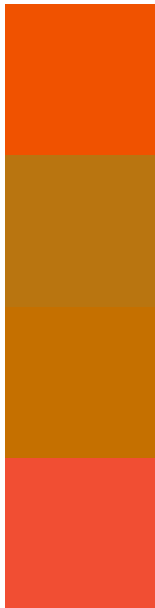
49.4683, 3.1471, 30.5373



Tritanopia

49.6239, 59.3798, 22.5498

Trichromacy



Original Color

49.5579, 53.5746, 31.4753

Protanomaly

48.0357, 14.2715, 29.2442

Deuteranomaly

48.4341, 21.4544, 30.2205

Tritanomaly

49.3848, 56.7010, 27.6632

Monochromacy



Original Color

49.5579, 53.5746, 31.4753

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

43.2694, 14.0801, 17.5398

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.5579, 53.5746, 31.4753 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, 82, 0)` looks like.

```
.text, #text, p{  
    color:rgb(240, 82, 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, 82, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 82, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 49.5579, 53.5746, 31.4753 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, 82, 0) }
```


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

```
.border{ border-color:rgb(240, 82, 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, 82, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 82, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 82, 0);  
box-shadow:4px 4px 4px 4px rgb(240, 82, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 49.5579, 53.5746, 31.4753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 82, 0) }
```

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

```
.background{ background-color: rgb(240, 82,  
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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