

Converting Colors

HunterLab(49.8226, 53.2158,
31.6321)

Have a look what the booklet for
HunterLab(49.8226, 53.2158,
31.6321) contains.

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Color

**HunterLab(49.7109, 53.1475,
31.5621)**

Conversions

Conversions Part 1

Format	Color
Hex	F05300
RGB	240, 83, 0
RGB Percent	94%, 33%, 0%
CMY	0.0588, 0.6745, 1.0000
CMYK	0.00, 0.65, 1.00, 0.06
HSL	21°, 100%, 47%
HSV	21°, 100%, 94%
XYZ	39.0284, 24.7117, 2.7128
YIQ	120.4810, 120.2150, 7.4710

Conversions

Conversions Part 2

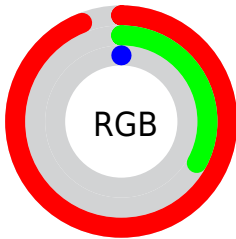
Format	Color
R_{YB}	240, 127, 0
Decimal	15749888
CIE Lab	56.79, 57.87, 67.09
CIE LCh	57, 88.599, 49.223
Yxy	24.7132, 0.5873, 0.3719
Android (android.graphics.Color)	4293939968 (0xFFFF05300)
YUV	120.4810, -59.3971, 104.8182
Hunter-Lab	49.7109, 53.1475, 31.5621

Details

The HunterLab color **49.7109, 53.1475, 31.5621** 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 **55.1384, -6.5479, -54.7829**, and the grayscale version is **43.7174, -2.3326, 2.3752**.

A 20% lighter version of the original color is **63.3209, 34.0780, 35.0729**, and **30.8462, 49.4848, 19.8736** is the 20% darker color. If you saturate the color by 10%, you get **49.7120, 53.1436, 31.5627**, and if you desaturate by 10%, it is **52.4021, 46.3698, 32.1238**.

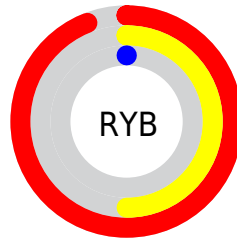
Distribution



Red (94%)

Green (33%)

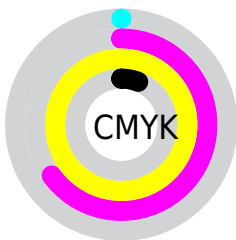
Blue (0%)



Red (94%)

Yellow (50%)

Blue (0%)

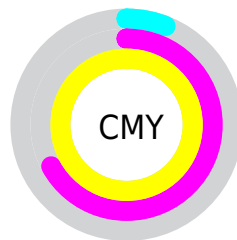


Cyan (0%)

Magenta (65%)

Yellow (100%)

Black (6%)



Cyan (6%)


Magenta (67%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 49.7109, 53.1475, 31.5621 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 49.7109, 53.1475, 31.5621 by changing the saturation by 10% instead.


 49.7109, 53.1475,
31.5621


 49.7109, 53.1475,
31.5621


166.2548, 66.8151,
69.0836


 39.8290, 51.1383,
26.4661


 71.5483, 56.8531,
41.0413


 30.7044, 49.0609,
21.4931


 83.4200, 58.5526,
45.4692


 22.4079, 46.9789,
15.6855

 95.8842, 60.1520,
49.7238

 15.0322, 45.0883,
10.5225

 108.9139, 61.6559,
53.8276

 8.6732, 44.3697,
6.0712

 122.4856, 63.0694,
57.8001


0.0000, INF, NaN

0.0000, INF, NaN


 136.5784, 64.3974,


61.6579


0.0000, NaN, NaN


 151.1737, 65.6445,
65.4151

0.0000, NaN, NaN

 49.7109, 53.1475,
31.5621


 49.7109, 53.1475,
31.5621


 49.7120, 53.1436,
31.5627

 52.4021, 46.3698,
32.1238

 55.5567, 39.4278,
31.9395

 59.1497, 32.5939,
30.8725

 63.1410, 26.0345,
28.9709

 67.4893, 19.8460,
26.3228

■ 72.1554, 14.0724,
23.0263

■ 77.1037, 8.7222,
19.1758

■ 82.3027, 3.7815,
14.8544

■ 87.7251, -0.7757,
10.1333

Harmonies

Analogous

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



49.7124, 84.3937, 20.2848



49.7109, 53.1475, 31.5621



49.7124, 11.4228, 33.8910

Triad

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



49.7124, 53.1427, 31.5628



49.7124, -55.1725, 13.8112



49.7124, 23.1222, -113.7514

Complementary

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



49.7109, 53.1475, 31.5621



55.1384, -6.5479, -54.7829

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.



49.7124, -15.3223, -121.0629



49.7109, 53.1475, 31.5621



49.7124, -53.7293, -25.2742

Square

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



49.7124, 53.1427, 31.5628



49.7124, -46.0140, 29.7748



49.7124, -41.2417, -81.1748



49.7124, 63.8407, -65.2946

Rectangle

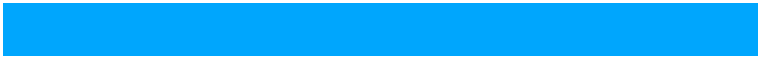
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49.7109, 53.1475, 31.5621



49.7124, -13.5954, 33.9258



49.7124, -41.2417, -81.1748



49.7124, 9.3215, -121.9832

Sweetspot

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



49.7124, 53.1427, 31.5628



82.5454, 9.3985, 20.5860



45.8947, 84.1257, -13.2120



37.1364, 5.4453, 10.3610

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.7124, 53.1427, 31.5628



53.1712, 57.1659, 33.7646



77.3521, -4.7797, 47.5803



40.8078, -0.4656, 4.5792



37.0835, 38.4822, 23.5244



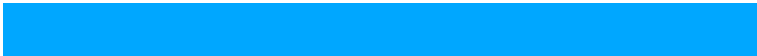
11.5028, 8.9854, 7.2453

Inverse Universe

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



55.1384, -6.5479, -54.7829



58.9792, -6.8721, -58.8839



27.9446, 56.4098, -156.7003



41.1764, -3.7371, -0.2101



41.1103, -5.3451, -39.8458



12.6129, -2.7062, -9.9230

Previews

White Background



This preview shows how the HunterLab color 49.7109, 53.1475, 31.5621 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 49.7109, 53.1475, 31.5621 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 49.7109, 53.1475, 31.5621 Background



This preview shows how black text looks on a background with the HunterLab color 49.7109, 53.1475, 31.5621.



This preview shows how white text looks on a background with the HunterLab color 49.7109, 53.1475,

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

49.7109, 53.1475, 31.5621

Protanopia

49.8312, -6.7955, 29.4925

Deuteranopia

49.8493, 3.0578, 30.7704



Tritanopia

49.7786, 59.0372, 22.4349

Trichromacy



Original Color

49.7109, 53.1475, 31.5621

Protanomaly

48.0357, 14.2715, 29.2442

Deuteranomaly

48.6627, 20.9626, 30.3527

Tritanomaly

49.5385, 56.3260, 27.6232

Monochromacy



Original Color

49.7109, 53.1475, 31.5621

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

43.5083, 13.5942, 17.7300

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7109, 53.1475, 31.5621 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, 83, 0)` looks like.

```
.text, #text, p{  
    color:rgb(240, 83, 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, 83, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 83, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7109, 53.1475, 31.5621 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, 83, 0) }
```


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

```
.border{ border-color:rgb(240, 83, 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, 83, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 83, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 83, 0);  
box-shadow:4px 4px 4px 4px rgb(240, 83, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 49.7109, 53.1475, 31.5621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 83, 0) }
```

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

```
.background{ background-color: rgb(240, 83,  
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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