

Converting Colors

HunterLab(49.0620, 51.9476,
30.8063)

Have a look what the booklet for
HunterLab(49.0620, 51.9476,
30.8063) contains.

HunterLab(49.2067, 52.0007, 30.8853)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(49.2067, 52.0007,
30.8853)**

Conversions

Conversions Part 1

Format	Color
Hex	ED530A
RGB	237, 83, 10
RGB Percent	93%, 33%, 4%
CMY	0.0706, 0.6745, 0.9608
CMYK	0.00, 0.65, 0.96, 0.07
HSL	19°, 92%, 48%
HSV	19°, 96%, 93%
XYZ	38.0731, 24.2130, 2.9541
YIQ	120.7240, 115.2170, 9.9450

Conversions

Conversions Part 2

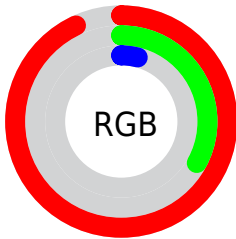
Format	Color
RYB	237, 118, 10
Decimal	15553290
CIELab	56.30, 56.93, 64.56
CIElCh	56, 86.078, 48.591
Yxy	24.2144, 0.5836, 0.3711
Android (android.graphics.Color)	4293743370 (0xFFED530A)
YUV	120.7240, -54.5869, 101.9741
Hunter-Lab	49.2067, 52.0007, 30.8853

Details

The HunterLab color **49.2067, 52.0007, 30.8853** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **57.2079, -10.6096, -47.9707**, and the grayscale version is **43.7952, -2.3368, 2.3795**.

A 20% lighter version of the original color is **63.3679, 34.3075, 34.3797**, and **30.3369, 48.2879, 19.5388** is the 20% darker color. If you saturate the color by 10%, you get **48.1707, 54.7518, 30.6411**, and if you desaturate by 10%, it is **52.0178, 45.1295, 31.1436**.

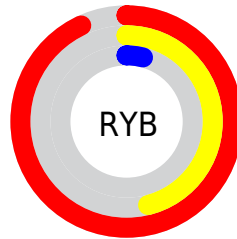
Distribution



Red (93%)

Green (33%)

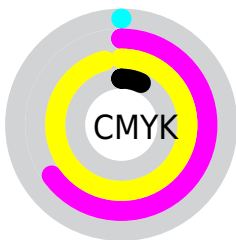
Blue (4%)



Red (93%)

Yellow (46%)

Blue (4%)

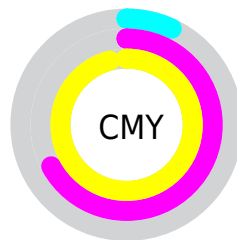


Cyan (0%)

Magenta (65%)

Yellow (96%)

Black (7%)



Cyan (7%)

Magenta (67%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.2067, 52.0007, 30.8853 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 49.2067, 52.0007, 30.8853 by changing the saturation by 10% instead.

49.2067, 52.0007,
30.8853

49.2067, 52.0007,
30.8853

165.5001, 65.4455,
67.2079

39.3608, 50.0133,
25.9387

70.9788, 55.6588,
40.0658

30.2753, 47.9550,
21.1927

82.8206, 57.3335,
44.3502

22.0218, 45.8885,
15.4152

95.2562, 58.9077,
48.4664

14.6945, 44.0095,
10.2861

108.2586, 60.3864,
52.4370

8.3526, 43.6548,
5.8468

121.8041, 61.7747,
56.2814


0.0000, INF, NaN

0.0000, NaN, NaN

135.8716, 63.0775,

60.0158


0.0000, NaN, NaN


 150.4426, 64.2996,
63.6541


0.0000, NaN, NaN


 49.2067, 52.0007,
30.8853

 49.2067, 52.0007,
30.8853


 48.1707, 54.7518,
30.6411

 52.0178, 45.1295,
31.1436

 55.3201, 38.1395,
30.5501

 59.0745, 31.2711,
29.1154

 63.2357, 24.6842,
26.9165

 67.7586, 18.4678,
24.0536

■ 72.6012, 12.6591,
20.6273

■ 77.7263, 7.2613,
16.7281

■ 83.1015, 2.2567,
12.4330

■ 88.6989, -2.3828,
7.8053

Harmonies

Analogous

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



49.2081, 81.6026, 19.3789



49.2067, 52.0007, 30.8853



49.2081, 11.8170, 33.3763

Triad

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



49.2081, 51.9960, 30.8860



49.2081, -53.7364, 13.9987



49.2081, 21.4255, -109.4217

Complementary

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



49.2067, 52.0007, 30.8853



57.2079, -10.6096, -47.9707

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.



49.2081, -15.5782, -115.3415



49.2067, 52.0007, 30.8853



49.2081, -52.5289, -23.2590

Square

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



49.2081, 51.9960, 30.8860



49.2081, -44.5062, 29.3519



49.2081, -40.5342, -76.6505



49.2081, 60.7458, -63.7540

Rectangle

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



49.2067, 52.0007, 30.8853



49.2081, -12.5416, 33.4382



49.2081, -40.5342, -76.6505



49.2081, 8.1379, -116.9272

Sweetspot

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



49.2081, 51.9960, 30.8860



82.5720, 9.7985, 19.6428



45.7629, 83.0962, -16.5386



37.1006, 5.6995, 9.9233

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.2081, 51.9960, 30.8860



52.2461, 59.7788, 33.2403



75.6496, -3.6001, 46.3268



39.8057, -0.3286, 4.3864



35.8874, 39.6213, 22.8073



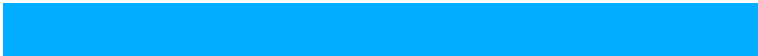
10.8615, 8.9503, 6.8495

Inverse Universe

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



57.2079, -10.6096, -47.9707



60.9115, -9.9155, -54.7293



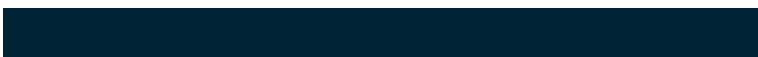
29.3277, 49.8463, -143.0298



40.3207, -3.7773, -0.1042



41.7849, -7.3093, -36.4488



12.4249, -3.1226, -8.7892

Previews

White Background



This preview shows how the HunterLab color 49.2067, 52.0007, 30.8853 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 49.2067, 52.0007, 30.8853 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 49.2067, 52.0007, 30.8853 Background



This preview shows how black text looks on a background with the HunterLab color 49.2067, 52.0007, 30.8853.



This preview shows how white text looks on a background with the HunterLab color 49.2067, 52.0007,

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

49.2067, 52.0007, 30.8853

Protanopia

49.3587, -6.9950, 29.0466

Deuteranopia

49.3543, 2.7632, 30.4602



Tritanopia

49.2622, 57.9089, 21.7614

Trichromacy



Original Color

49.2067, 52.0007, 30.8853

Protanomaly

47.7954, 13.5531, 28.8085

Deuteranomaly

48.1656, 20.6698, 29.8999

Tritanomaly

49.0455, 55.2717, 26.6664

Monochromacy



Original Color

49.2067, 52.0007, 30.8853

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

43.4695, 13.6398, 16.4068

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.2067, 52.0007, 30.8853 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(237, 83, 10)` looks like.

```
.text, #text, p{  
    color:rgb(237, 83, 10)  
}
```

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(237, 83, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 83, 10) }
```

Border

The CSS property to change the border of an element to HunterLab 49.2067, 52.0007, 30.8853 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(237, 83, 10) }
```


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

```
.border{ border-color:rgb(237, 83, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 83, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 83, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 83, 10);  
box-shadow:4px 4px 4px 4px rgb(237, 83,  
10) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.2067, 52.0007, 30.8853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 83, 10) }
```

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

```
.background{ background-color: rgb(237, 83,  
10) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor