

Converting Colors

HunterLab(53.6438, 33.3480,
32.9277)

Have a look what the booklet for
HunterLab(53.6438, 33.3480,
32.9277) contains.

HunterLab(53.6712, 33.2939, 32.9237)	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(53.6712, 33.2939,
32.9237)**

Conversions

Conversions Part 1

Format	Color
Hex	E47314
RGB	228, 115, 20
RGB Percent	89%, 45%, 8%
CMY	0.1059, 0.5490, 0.9215
CMYK	0.00, 0.50, 0.91, 0.11
HSL	27°, 84%, 49%
HSV	27°, 91%, 89%
XYZ	38.2519, 28.8060, 4.2058
YIQ	137.9570, 97.8430, -5.5890

Conversions

Conversions Part 2

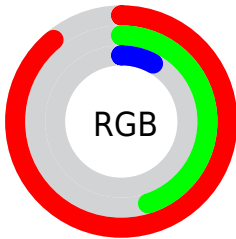
Format	Color
R _Y B	228, 195, 20
Decimal	14971668
CIE Lab	60.61, 38.94, 64.48
CIE LCh	61, 75.322, 58.875
Yxy	28.8076, 0.5368, 0.4042
Android (android.graphics.Color)	4293161748 (0xFFE47314)
YUV	137.9570, -58.1528, 78.9677
Hunter-Lab	53.6712, 33.2939, 32.9237

Details

The HunterLab color **53.6712, 33.2939, 32.9237** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **47.4598, 2.2435, -62.4104**, and the grayscale version is **50.5945, -2.6996, 2.7489**.

A 20% lighter version of the original color is **70.5800, 19.6740, 37.7807**, and **34.1557, 30.9021, 21.5876** is the 20% darker color. If you saturate the color by 10%, you get **51.4030, 38.3874, 32.3463**, and if you desaturate by 10%, it is **56.5220, 27.6217, 32.9344**.

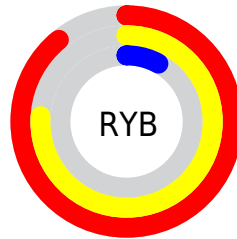
Distribution



Red (89%)

Green (45%)

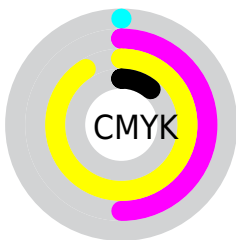
Blue (8%)



Red (89%)

Yellow (76%)

Blue (8%)

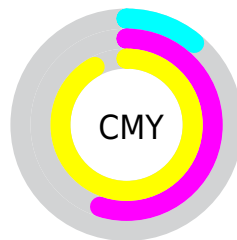


Cyan (0%)

Magenta (50%)

Yellow (91%)

Black (11%)



Cyan (11%)

Magenta (55%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.6712, 33.2939, 32.9237 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 53.6712, 33.2939, 32.9237 by changing the saturation by 10% instead.

53.6712, 33.2939,
32.9237

53.6712, 33.2939,
32.9237

172.1354, 40.9277,
68.6596

43.5147, 31.9668,
28.0906

76.0074, 35.5981,
41.9077

34.0933, 30.5199,
23.1916

88.1086, 36.6006,
46.1118

25.4713, 28.9467,
17.8299

100.7917, 37.5127,
50.1581

17.7312, 27.2647,
12.4118

114.0308, 38.3411,
54.0678

10.9879, 25.5693,
7.6915

127.8037, 39.0919,
57.8587

2.6017, 65.9043,
1.8212

142.0904, 39.7702,

0.0000, NaN, NaN

61.5461

0.0000, NaN, NaN

156.8730, 40.3808,
65.1428

0.0000, NaN, NaN

53.6712, 33.2939,
32.9237

53.6712, 33.2939,
32.9237

51.4030, 38.3874,
32.3463

56.5220, 27.6217,
32.9344

59.6442, 22.2526,
32.0789

63.0201, 17.2535,
30.3658

66.6293, 12.6590,
27.8433

70.4519, 8.4785,
24.5782

■ 74.4687, 4.7040,
20.6427

■ 78.6623, 1.3174,
16.1075

■ 83.0172, -1.7057,
11.0386

■ 87.5190, -4.3922,
5.4952

Harmonies

Analogous

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



53.6727, 63.3226, 24.3867



53.6712, 33.2939, 32.9237



53.6727, -1.6373, 34.8185

Triad

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



53.6727, 33.2899, 32.9243



53.6727, -52.0387, 4.0728



53.6727, 30.6591, -79.2179

Complementary

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



53.6712, 33.2939, 32.9237



47.4598, 2.2435, -62.4104

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.



53.6727, -4.0851, -96.5515



53.6712, 33.2939, 32.9237



53.6727, -47.2585, -34.3075

Square

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



53.6727, 33.2899, 32.9243



53.6727, -46.4703, 25.4175



53.6727, -31.4279, -76.6201



53.6727, 61.5675, -37.6377

Rectangle

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



53.6712, 33.2939, 32.9237



53.6727, -21.5735, 34.1889



53.6727, -31.4279, -76.6201



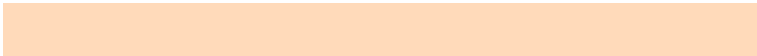
53.6727, 18.8149, -88.8735

Sweetspot

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



53.6727, 33.2899, 32.9243



86.4557, 3.7282, 21.4238



43.2745, 75.1398, -3.1221



39.2497, 2.3540, 10.7029

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.6727, 33.2899, 32.9243



58.1894, 44.0009, 36.6263



81.5351, -17.7056, 49.4502



39.3028, -1.0337, 4.7331



39.3552, 28.4495, 24.7485



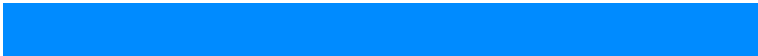
11.5255, 5.8109, 7.2037

Inverse Universe

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



47.4598, 2.2435, -62.4104



50.5457, 7.6514, -79.6948



25.8831, 56.5415, -151.1936



38.9590, -2.9878, -0.6153



34.3193, 4.2172, -51.9999



10.2743, -0.5052, -11.7514

Previews

White Background



This preview shows how the HunterLab color 53.6712, 33.2939, 32.9237 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 53.6712, 33.2939, 32.9237 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 53.6712, 33.2939, 32.9237 Background



This preview shows how black text looks on a background with the HunterLab color 53.6712, 33.2939, 32.9237.



This preview shows how white text looks on a background with the HunterLab color 53.6712, 33.2939,

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

53.6712, 33.2939, 32.9237

Protanopia

53.8103, -7.3482, 31.7482

Deuteranopia

53.6466, 3.4105, 33.1165



Tritanopia

53.5903, 43.6134, 16.1729

Trichromacy



Original Color

53.6712, 33.2939, 32.9237

Protanomaly

53.0037, 6.8917, 31.6881

Deuteranomaly

53.2899, 14.2931, 32.8636

Tritanomaly

53.4360, 38.9592, 25.1882

Monochromacy



Original Color

53.6712, 33.2939, 32.9237

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

50.4474, 6.6958, 18.4785

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.6712, 33.2939, 32.9237 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(228, 115, 20)` looks like.

```
.text, #text, p{  
    color:rgb(228, 115, 20)  
}
```

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(228, 115, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 115, 20) }
```

Border

The CSS property to change the border of an element to HunterLab 53.6712, 33.2939, 32.9237 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(228, 115, 20) }
```


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

```
.border{ border-color:rgb(228, 115, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 115, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 115, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 115, 20);  
box-shadow:4px 4px 4px 4px rgb(228, 115,  
20) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.6712, 33.2939, 32.9237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 115, 20) }
```

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

```
.background{ background-color: rgb(228,  
115, 20) }
```

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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