

Converting Colors

HunterLab(53.3938, 23.7535,
33.3168)

Have a look what the booklet for
HunterLab(53.3938, 23.7535,
33.3168) contains.

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Color

**HunterLab(53.4911, 23.5437,
33.3731)**

Conversions

Conversions Part 1

Format	Color
Hex	D77B00
RGB	215, 123, 0
RGB Percent	84%, 48%, 0%
CMY	0.1569, 0.5176, 1.0000
CMYK	0.00, 0.43, 1.00, 0.16
HSL	34°, 100%, 42%
HSV	34°, 100%, 84%
XYZ	35.1073, 28.6130, 3.6725
YIQ	136.4860, 94.3150, -18.7490

Conversions

Conversions Part 2

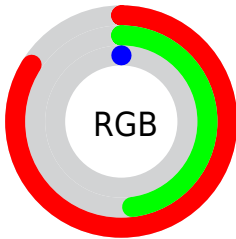
Format	Color
RYB	161, 215, 0
Decimal	14121728
CIELab	60.44, 29.27, 67.17
CIELCh	60, 73.270, 66.456
Yxy	28.6145, 0.5209, 0.4246
Android (android.graphics.Color)	4292311808 (0xFFD77B00)
YUV	136.4860, -67.2876, 68.8568
Hunter-Lab	53.4911, 23.5437, 33.3731

Details

The HunterLab color **53.4911, 23.5437, 33.3731** 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 **35.4416, 19.0296, -85.3774**, and the grayscale version is **50.0455, -2.6703, 2.7191**.

A 20% lighter version of the original color is **72.6225, 15.0751, 40.4170**, and **34.1103, 22.5125, 21.4127** is the 20% darker color. If you saturate the color by 10%, you get **53.4915, 23.5422, 33.3734**, and if you desaturate by 10%, it is **55.7329, 19.1879, 33.8969**.

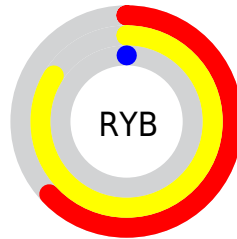
Distribution



Red (84%)

Green (48%)

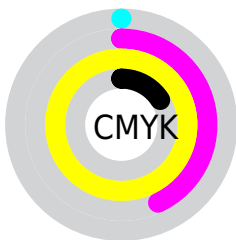
Blue (0%)



Red (63%)

Yellow (84%)

Blue (0%)

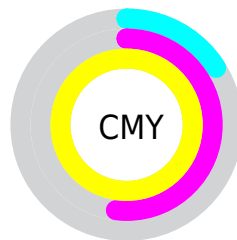


Cyan (0%)

Magenta (43%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.4911, 23.5437, 33.3731 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 53.4911, 23.5437, 33.3731 by changing the saturation by 10% instead.

■ 53.4911, 23.5437,
33.3731

■ 53.4911, 23.5437,
33.3731

171.8696, 27.9838,
70.4540

■ 43.3467, 22.6156,
28.3625

■ 75.8050, 25.0744,
42.7015

■ 33.9385, 21.5696,
23.4450

■ 87.8961, 25.7040,
47.0680

■ 25.3309, 20.3888,
17.7316

■ 100.5694, 26.2528,
51.2696

■ 17.6067, 19.0631,
12.3247

■ 113.7992, 26.7274,
55.3277

■ 10.8818, 17.6084,
7.6173

■ 127.5631, 27.1333,
59.2607


■ 2.2068, 57.6745,
1.5447

■ 141.8411, 27.4753,


0.0000, NaN, NaN


63.0843


0.0000, NaN, NaN


 156.6153, 27.7576,
66.8116


0.0000, NaN, NaN


 53.4911, 23.5437,
33.3731


 53.4911, 23.5437,
33.3731

 53.4915, 23.5422,
33.3734

 55.7329, 19.1879,
33.8969

 58.1301, 15.0974,
33.7518

 60.6872, 11.3536,
32.7805

 63.3980, 7.9855,
30.9699

 66.2548, 5.0042,
28.3397

■ 69.2492, 2.4078,
24.9284

■ 72.3725, 0.1865,
20.7841

■ 75.6166, -1.6755,
15.9590

■ 78.9735, -3.1971,
10.5059

Harmonies

Analogous

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



53.4925, 55.0702, 27.0745



53.4911, 23.5437, 33.3731



53.4925, -9.4959, 34.3484

Triad

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



53.4925, 23.5402, 33.3736



53.4925, -50.7042, -3.9774



53.4925, 38.0826, -67.2150

Complementary

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



53.4911, 23.5437, 33.3731



35.4416, 19.0296, -85.3774

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.



53.4925, 4.1222, -91.7552



53.4911, 23.5437, 33.3731



53.4925, -43.3640, -43.8621

Square

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



53.4925, 23.5402, 33.3736



53.4925, -47.8158, 21.1875



53.4925, -24.9576, -81.3715



53.4925, 64.7329, -25.5825

Rectangle

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



53.4911, 23.5437, 33.3731



53.4925, -27.2466, 33.0690



53.4925, -24.9576, -81.3715



53.4925, 26.8771, -78.5748

Sweetspot

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



53.4925, 23.5402, 33.3736



87.6804, 0.2995, 25.3737



39.0391, 68.8864, 9.4731



39.8110, 0.6467, 12.7728

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.4925, 23.5402, 33.3736



64.6397, 29.0997, 40.3401



78.0845, -26.2389, 47.6557



36.8625, -1.5248, 4.7369



41.6277, 17.6530, 25.9599



10.9907, 2.7627, 6.8208

Inverse Universe

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



35.4416, 19.0296, -85.3774



42.6397, 23.8859, -104.8586



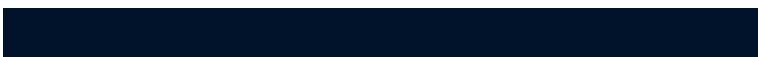
22.3665, 60.2359, -155.5845



35.8800, -2.2195, -0.9609



27.7733, 13.9055, -64.7321



7.9223, 1.1826, -12.4551

Previews

White Background



This preview shows how the HunterLab color 53.4911, 23.5437, 33.3731 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 53.4911, 23.5437, 33.3731 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 53.4911, 23.5437, 33.3731 Background



This preview shows how black text looks on a background with the HunterLab color 53.4911, 23.5437, 33.3731.



This preview shows how white text looks on a background with the HunterLab color 53.4911, 23.5437,

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

53.4911, 23.5437, 33.3731

Protanopia

53.7655, -7.5977, 32.4122

Deuteranopia

53.6466, 3.4105, 33.1165



Tritanopia

53.4086, 36.2305, 12.7419

Trichromacy



Original Color

53.4911, 23.5437, 33.3731

Protanomaly

53.1680, 3.2338, 32.4654

Deuteranomaly

53.3955, 10.6998, 33.0894

Tritanomaly

53.0830, 30.3457, 25.1902

Monochromacy



Original Color

53.4911, 23.5437, 33.3731

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

49.9200, 3.2976, 20.1089

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.4911, 23.5437, 33.3731 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(215, 123, 0)` looks like.

```
.text, #text, p{  
    color:rgb(215, 123, 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(215, 123, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 123, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 53.4911, 23.5437, 33.3731 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(215, 123, 0) }
```


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

```
.border{ border-color:rgb(215, 123, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 123, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 123, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 123, 0);  
box-shadow:4px 4px 4px 4px rgb(215, 123,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.4911, 23.5437, 33.3731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 123, 0) }
```

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

```
.background{ background-color: rgb(215,  
123, 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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