

Converting Colors

HunterLab(50.0117, 20.4247,
30.7231)

Have a look what the booklet for
HunterLab(50.0117, 20.4247,
30.7231) contains.

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Color

**HunterLab(50.0310, 20.3833,
30.7345)**

Conversions

Conversions Part 1

Format	Color
Hex	C8750D
RGB	200, 117, 13
RGB Percent	78%, 46%, 5%
CMY	0.2157, 0.5412, 0.9490
CMYK	0.00, 0.41, 0.93, 0.22
HSL	33°, 88%, 42%
HSV	33°, 93%, 78%
XYZ	30.2534, 25.0310, 3.6177
YIQ	129.9610, 82.8520, -14.7480

Conversions

Conversions Part 2

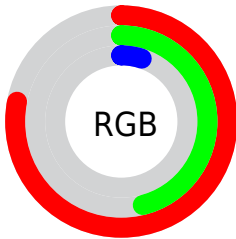
Format	Color
R_{YB}	162, 200, 13
Decimal	13137165
CIE _{Lab}	57.11, 26.27, 61.75
CIE _{LCh}	57, 67.105, 66.950
Yxy	25.0323, 0.5136, 0.4250
Android (android.graphics.Color)	4291327245 (0xFFC8750D)
YUV	129.9610, -57.6618, 61.4242
Hunter-Lab	50.0310, 20.3833, 30.7345

Details

The HunterLab color **50.0310, 20.3833, 30.7345** 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 **35.5265, 12.0600, -69.0914**, and the grayscale version is **47.4297, -2.5307, 2.5769**.

A 20% lighter version of the original color is **71.0567, 18.3805, 38.8470**, and **31.1604, 19.2649, 19.5381** is the 20% darker color. If you saturate the color by 10%, you get **48.6818, 23.0805, 30.4016**, and if you desaturate by 10%, it is **52.2310, 16.3828, 30.8375**.

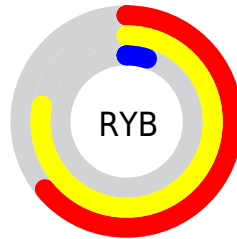
Distribution



Red (78%)

Green (46%)

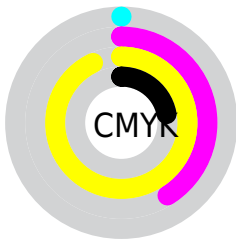
Blue (5%)



Red (64%)

Yellow (78%)

Blue (5%)

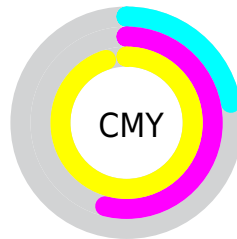


Cyan (0%)

Magenta (41%)

Yellow (93%)

Black (22%)



Cyan (22%)

Magenta (54%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.0310, 20.3833, 30.7345 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 50.0310, 20.3833, 30.7345 by changing the saturation by 10% instead.

■ 50.0310, 20.3833,
30.7345

■ 50.0310, 20.3833,
30.7345

166.7330, 24.0096,
65.5491

■ 40.1262, 19.5509,
25.9927

■ 71.9094, 21.7240,
39.5198

■ 30.9770, 18.5990,
21.3855

■ 83.8001, 22.2600,
43.6203

■ 22.6534, 17.5085,
15.8574

■ 96.2824, 22.7166,
47.5619

■ 15.2472, 16.2664,
10.6731

■ 109.3293, 23.1004,
51.3667

■ 8.8701, 14.9941,
6.2090

■ 122.9176, 23.4172,
55.0535

0.0000, INF, NaN

0.0000, NaN, NaN

■ 137.0263, 23.6716,

58.6377

0.0000, NaN, NaN

151.6370, 23.8679,
62.1326

0.0000, NaN, NaN

50.0310, 20.3833,
30.7345

50.0310, 20.3833,
30.7345

48.6818, 23.0805,
30.4016

52.2310, 16.3828,
30.8375

54.5868, 12.6859,
30.1991

57.0935, 9.3250,
28.7972

59.7435, 6.3158,
26.6456

62.5280, 3.6604,
23.7782

■ 65.4385, 1.3515,
20.2394

■ 68.4664, -0.6240,
16.0779

■ 71.6038, -2.2832,
11.3434

■ 74.8429, -3.6453,
6.0838

Harmonies

Analogous

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



50.0323, 48.4594, 24.8677



50.0310, 20.3833, 30.7345



50.0323, -9.0662, 31.6364

Triad

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



50.0323, 20.3801, 30.7350



50.0323, -45.9255, -3.9292



50.0323, 34.2764, -58.5303

Complementary

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



50.0310, 20.3833, 30.7345



35.5265, 12.0600, -69.0914

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.



50.0323, 4.0598, -80.3130



50.0310, 20.3833, 30.7345



50.0323, -39.0531, -39.2683

Square

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



50.0323, 20.3801, 30.7350



50.0323, -43.4326, 19.0038



50.0323, -22.1839, -71.7952



50.0323, 57.6437, -21.9776

Rectangle

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



50.0310, 20.3833, 30.7345



50.0323, -24.9536, 30.3373



50.0323, -22.1839, -71.7952



50.0323, 24.3530, -68.5360

Sweetspot

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



50.0323, 20.3801, 30.7350



88.1166, 0.4004, 23.9394



36.6513, 63.1095, 5.3339



39.9662, 0.7297, 12.1512

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.0323, 20.3801, 30.7350



63.6816, 31.1930, 39.7864



72.3659, -22.7345, 43.8814



34.0570, -1.3445, 4.3143



39.0513, 17.8970, 24.3766



9.3001, 2.2415, 5.7699

Inverse Universe

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



35.5265, 12.0600, -69.0914



43.6689, 21.5786, -101.1643



21.5238, 52.7951, -136.3342



33.2406, -2.1215, -0.8112



27.0969, 11.6980, -59.1213



7.0111, 0.3809, -9.5856

Previews

White Background



This preview shows how the HunterLab color 50.0310, 20.3833, 30.7345 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 50.0310, 20.3833, 30.7345 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 50.0310, 20.3833, 30.7345 Background



This preview shows how black text looks on a background with the HunterLab color 50.0310, 20.3833, 30.7345.



This preview shows how white text looks on a background with the HunterLab color 50.0310, 20.3833,

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

50.0310, 20.3833, 30.7345

Protanopia

50.1956, -7.0043, 30.0260

Deuteranopia

49.9639, 3.4431, 30.8478



Tritanopia

50.0590, 32.1411, 11.4757

Trichromacy



Original Color

50.0310, 20.3833, 30.7345

Protanomaly

49.6625, 2.5100, 30.0126

Deuteranomaly

49.7448, 9.4343, 30.6466

Tritanomaly

49.8491, 26.7555, 22.3871

Monochromacy



Original Color

50.0310, 20.3833, 30.7345

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.2482, 2.5890, 17.8446

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.0310, 20.3833, 30.7345 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(200, 117, 13)` looks like.

```
.text, #text, p{  
    color:rgb(200, 117, 13)  
}
```

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(200, 117, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 117, 13) }
```

Border

The CSS property to change the border of an element to HunterLab 50.0310, 20.3833, 30.7345 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(200, 117, 13) }
```


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

```
.border{ border-color:rgb(200, 117, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 117, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 117, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 117, 13);  
box-shadow:4px 4px 4px 4px rgb(200, 117,  
13) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.0310, 20.3833, 30.7345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 117, 13) }
```

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

```
.background{ background-color: rgb(200,  
117, 13) }
```

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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