

Converting Colors

HunterLab(20.4801, 11.2659,
14.2985)

Have a look what the booklet for
HunterLab(20.4801, 11.2659,
14.2985) contains.

HunterLab(20.5035, 11.5882, 12.8370)	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(20.5035, 11.5882,
12.8370)**

Conversions

Conversions Part 1

Format	Color
Hex	5D2D00
RGB	93, 45, 0
RGB Percent	36%, 18%, 0%
CMY	0.6353, 0.8235, 1.0000
CMYK	0.00, 0.52, 1.00, 0.64
HSL	29°, 100%, 18%
HSV	29°, 100%, 36%
XYZ	5.4526, 4.2039, 0.5241
YIQ	54.2220, 43.0530, -3.8190

Conversions

Conversions Part 2

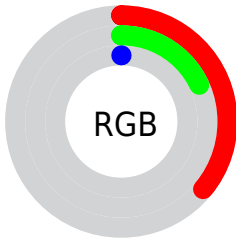
Format	Color
RYB	93, 87, 0
Decimal	6106368
CIELab	24.34, 18.98, 34.46
CIElCh	24, 39.341, 61.155
Yxy	4.2042, 0.5356, 0.4129
Android (android.graphics.Color)	4284296448 (0xFF5D2D00)
YUV	54.2220, -26.7314, 34.0083
Hunter-Lab	20.5035, 11.5882, 12.8370

Details

The HunterLab color **20.5035, 11.5882, 12.8370** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **17.0413, 1.9435, -25.4953**, and the grayscale version is **19.3599, -1.0330, 1.0519**.

A 20% lighter version of the original color is **37.3943, 13.1642, 19.0086**, and **6.8660, 11.7582, 4.4366** is the 20% darker color. If you saturate the color by 10%, you get **20.5039, 11.5870, 12.8373**, and if you desaturate by 10%, it is **21.4754, 9.7733, 12.6667**.

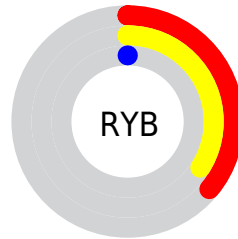
Distribution



Red (36%)

Green (18%)

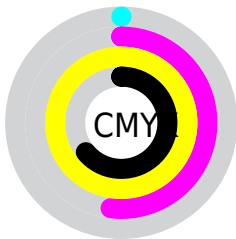
Blue (0%)



Red (36%)

Yellow (34%)

Blue (0%)

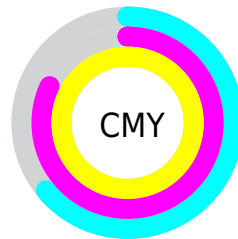


Cyan (0%)

Magenta (52%)

Yellow (100%)

Black (64%)



Cyan (64%)

Magenta (82%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5035, 11.5882, 12.8370 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 20.5035, 11.5882, 12.8370 by changing the saturation by 10% instead.

■ 20.5035, 11.5882,
12.8370

■ 20.5035, 11.5882,
12.8370

■ 119.0984, 14.8181,
36.7074

■ 13.3732, 10.6695,
9.3612

■ 37.5119, 12.9721,
19.0161

■ 6.9277, 11.6303,
4.8494

■ 47.2142, 13.4842,
21.8697

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.6331, 13.8976,
24.5711

0.0000, NaN, NaN

■ 68.7225, 14.2239,
27.1536

0.0000, NaN, NaN

■ 80.4439, 14.4723,
29.6419

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 92.7650, 14.6502,


32.0547

0.0000, NaN, NaN


 105.6580, 14.7639,
34.4061


 20.5035, 11.5882,
12.8370

 20.5035, 11.5882,
12.8370

 20.5039, 11.5870,
12.8373

 21.4754, 9.7733,
12.6667

 22.5113, 7.9888,
12.4352

 23.6219, 6.3230,
11.9245

 24.8024, 4.7866,
11.1432

 26.0477, 3.3831,
10.1076

■ 27.3529, 2.1114,
8.8370

■ 28.7134, 0.9674,
7.3516

■ 30.1248, -0.0551,
5.6711

■ 31.5832, -0.9635,
3.8140

Harmonies

Analogous

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



20.5041, 23.2800, 9.6686



20.5035, 11.5882, 12.8370



20.5041, -1.5691, 13.8224

Triad

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



20.5041, 11.5867, 12.8372



20.5041, -19.7668, 0.6580



20.5041, 12.6084, -28.9170

Complementary

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



20.5035, 11.5882, 12.8370



17.0413, 1.9435, -25.4953

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.



20.5041, -0.6169, -36.4419



20.5035, 11.5882, 12.8370



20.5041, -17.6434, -14.2394

Square

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



20.5041, 11.5867, 12.8372



20.5041, -17.9513, 9.2651



20.5041, -11.2895, -29.9222



20.5041, 23.9609, -12.9486

Rectangle

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



20.5035, 11.5882, 12.8370



20.5041, -8.9407, 13.2880



20.5041, -11.2895, -29.9222



20.5041, 8.1424, -32.8314

Sweetspot

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



20.5041, 11.5867, 12.8372



37.3969, 1.3949, 9.8046



15.9405, 28.6393, -0.0973



18.4735, 0.9019, 5.1917



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



20.5041, 11.5867, 12.8372



26.4726, 15.9614, 16.5917



31.4427, -7.9407, 19.2357



15.8348, -0.5304, 1.7866



24.1749, 14.2736, 15.1463



54.9877, 37.1189, 34.5330

Inverse Universe

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



17.0413, 1.9435, -25.4953



21.8675, 3.3278, -34.5162



9.0774, 23.2978, -61.6387



15.6583, -1.1051, -0.1189



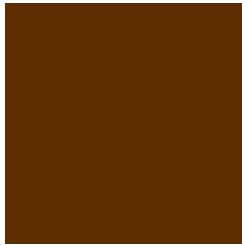
20.0102, 2.7905, -31.0350



44.8765, 10.2295, -78.1742

Previews

White Background



This preview shows how the HunterLab color 20.5035, 11.5882, 12.8370 looks on a white background.

Color Contrast Check

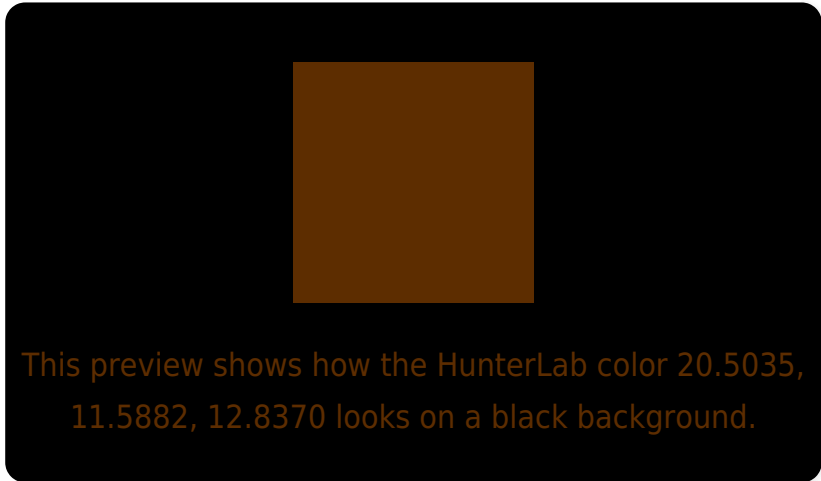
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

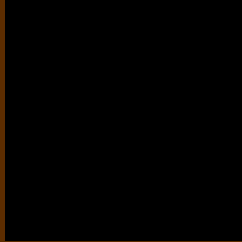
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 20.5035, 11.5882, 12.8370 Background



This preview shows how black text looks on a background with the HunterLab color 20.5035, 11.5882, 12.8370.



This preview shows how white text looks on a background with the HunterLab color 20.5035, 11.5882, 12.8370.

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

20.5035, 11.5882, 12.8370

Protanopia

20.7454, -3.1386, 12.0717

Deuteranopia

20.6983, 0.3279, 12.7599



Tritanopia

20.5550, 15.4183, 5.7748

Trichromacy



Original Color

20.5035, 11.5882, 12.8370

Protanomaly

20.4592, 1.9485, 12.2249

Deuteranomaly

20.5069, 4.3389, 12.7122

Tritanomaly

20.4845, 13.8366, 9.5003

Monochromacy



Original Color

20.5035, 11.5882, 12.8370

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.2668, 2.0118, 7.2502

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5035, 11.5882, 12.8370 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(93, 45, 0)` looks like.

```
.text, #text, p{  
    color:rgb(93, 45, 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(93, 45, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 45, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5035, 11.5882, 12.8370 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(93, 45, 0) }
```


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

```
.border{ border-color:rgb(93, 45, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 45, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 45, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(93, 45, 0); box-shadow:4px  
4px 4px 4px rgb(93, 45, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.5035, 11.5882, 12.8370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 45, 0) }
```

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

```
.background{ background-color: rgb(93, 45,  
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](#).

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