

Converting Colors

HunterLab(18.4376, 14.4754,
12.9063)

Have a look what the booklet for
HunterLab(18.4376, 14.4754,
12.9063) contains.

HunterLab(18.5100, 15.0089, 11.6685)	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(18.5100, 15.0089,
11.6685)**

Conversions

Conversions Part 1

Format	Color
Hex	5B2300
RGB	91, 35, 0
RGB Percent	36%, 14%, 0%
CMY	0.6431, 0.8627, 1.0000
CMYK	0.00, 0.62, 1.00, 0.64
HSL	23°, 100%, 18%
HSV	23°, 100%, 36%
XYZ	4.9154, 3.4262, 0.4023
YIQ	47.7540, 44.6110, 0.9870

Conversions

Conversions Part 2

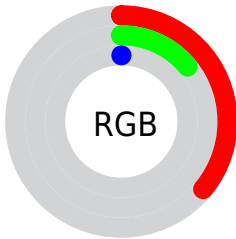
Format	Color
RYB	91, 57, 0
Decimal	5972736
CIELab	21.68, 23.89, 31.62
CIELCh	22, 39.627, 52.930
Yxy	3.4264, 0.5621, 0.3918
Android (android.graphics.Color)	4284162816 (0xFF5B2300)
YUV	47.7540, -23.5427, 37.9267
Hunter-Lab	18.5100, 15.0089, 11.6685

Details

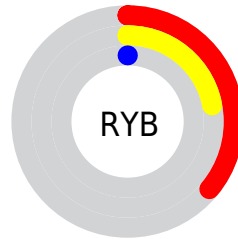
The HunterLab color **18.5100, 15.0089, 11.6685** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **18.9299, -1.9876, -19.3699**, and the grayscale version is **17.1762, -0.9165, 0.9332**.

A 20% lighter version of the original color is **34.9301, 17.1076, 17.2584**, and **6.8660, 11.7582, 4.4366** is the 20% darker color. If you saturate the color by 10%, you get **18.5104, 15.0076, 11.6688**, and if you desaturate by 10%, it is **19.5003, 12.9562, 11.4482**.

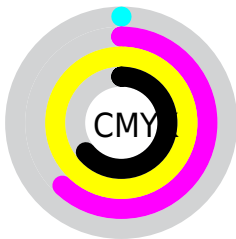
Distribution



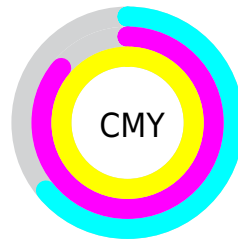
- Red (36%)
- Green (14%)
- Blue (0%)



- Red (36%)
- Yellow (22%)
- Blue (0%)



- Cyan (0%)
- Magenta (62%)
- Yellow (100%)
- Black (64%)



- Cyan (64%)
- Magenta (86%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.5100, 15.0089, 11.6685 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 18.5100, 15.0089, 11.6685 by changing the saturation by 10% instead.

■ 18.5100, 15.0089,
11.6685

■ 18.5100, 15.0089,
11.6685

■ 115.4727, 20.4660,
34.0146

■ 11.6541, 13.7917,
8.1579

■ 35.0599, 16.9734,
17.3610

■ 4.3081, 23.9306,
3.0157

■ 44.5625, 17.7550,
20.0474

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.7958, 18.4243,
22.5878

0.0000, NaN, NaN

■ 65.7110, 18.9944,
25.0162

0.0000, NaN, NaN

■ 77.2677, 19.4757,
27.3569

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.4323, 19.8768,

29.6282

0.0000, NaN, NaN

■ 102.1757, 20.2050,
31.8439

■ 18.5100, 15.0089,
11.6685

■ 18.5100, 15.0089,
11.6685

■ 18.5104, 15.0076,
11.6688

■ 19.5003, 12.9562,
11.4482

■ 20.5872, 10.8804,
11.2032

■ 21.7785, 8.8913,
10.7026

■ 23.0654, 7.0129,
9.9622

■ 24.4391, 5.2568,
9.0050

■ 25.8912, 3.6264,
7.8550

■ 27.4142, 2.1194,
6.5355

■ 29.0013, 0.7302,
5.0674

■ 30.6465, -0.5488,
3.4693

Harmonies

Analogous

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



18.5105, 25.2988, 7.6634



18.5100, 15.0089, 11.6685



18.5105, 1.9267, 12.9574

Triad

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



18.5105, 15.0074, 11.6687



18.5105, -18.7246, 3.5022



18.5105, 8.8468, -32.5686

Complementary

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



18.5100, 15.0089, 11.6685



18.9299, -1.9876, -19.3699

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.



18.5105, -3.7341, -36.4857



18.5100, 15.0089, 11.6685



18.5105, -17.7598, -9.6984

Square

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



18.5105, 15.0074, 11.6687



18.5105, -15.9924, 9.9373



18.5105, -12.9081, -26.3135



18.5105, 21.1579, -17.6166

Rectangle

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



18.5100, 15.0089, 11.6685



18.5105, -5.8571, 12.9574



18.5105, -12.9081, -26.3135



18.5105, 4.4415, -35.4917

Sweetspot

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



18.5105, 15.0074, 11.6687



35.6579, 2.9473, 8.7142



15.8456, 28.9447, -3.7847



17.2727, 1.6957, 4.5125



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



18.5105, 15.0074, 11.6687



23.8508, 20.5240, 15.0561



28.3156, -4.0935, 17.3762



15.7291, -0.3520, 1.6711



22.2735, 18.8921, 14.0555



50.5471, 48.3299, 31.9930

Inverse Universe

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



18.9299, -1.9876, -19.3699



24.3917, -2.0145, -26.1388



9.9297, 18.6414, -52.6523



15.7661, -1.2817, 0.0110



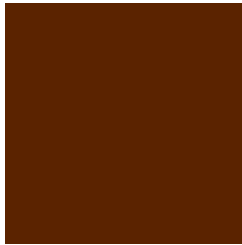
22.7794, -2.0091, -24.1351



51.6329, -1.9383, -60.3525

Previews

White Background



This preview shows how the HunterLab color 18.5100, 15.0089, 11.6685 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

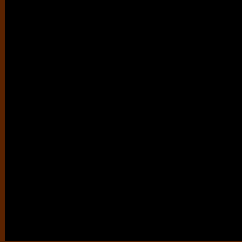
Any Text WCAG AA × Fail

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 18.5100, 15.0089, 11.6685 Background



This preview shows how black text looks on a background with the HunterLab color 18.5100, 15.0089, 11.6685.



This preview shows how white text looks on a background with the HunterLab color 18.5100, 15.0089,

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

18.5100, 15.0089, 11.6685

Protanopia

18.7792, -2.5811, 10.7105

Deuteranopia

18.8705, 0.0704, 11.6291



Tritanopia

18.6508, 17.5709, 6.9892

Trichromacy



Original Color

18.5100, 15.0089, 11.6685

Protanomaly

18.1844, 3.5977, 10.7064

Deuteranomaly

18.4750, 5.5316, 11.4811

Tritanomaly

18.6475, 16.4775, 9.3655

Monochromacy



Original Color

18.5100, 15.0089, 11.6685

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.0783, 3.8261, 6.0901

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.5100, 15.0089, 11.6685 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(91, 35, 0)` looks like.

```
.text, #text, p{  
    color:rgb(91, 35, 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(91, 35, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 35, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 18.5100, 15.0089, 11.6685 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(91, 35, 0) }
```


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

```
.border{ border-color:rgb(91, 35, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 35, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 35, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(91, 35, 0); box-shadow:4px  
4px 4px 4px rgb(91, 35, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.5100, 15.0089, 11.6685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 35, 0) }
```

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

```
.background{ background-color: rgb(91, 35,  
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