

Converting Colors

HunterLab(18.6800, 23.2463,
13.0760)

Have a look what the booklet for
HunterLab(18.6800, 23.2463,
13.0760) contains.

HunterLab(18.6985, 23.5993, 11.9351)	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(18.6985, 23.5993,
11.9351)**

Conversions

Conversions Part 1

Format	Color
Hex	671700
RGB	103, 23, 0
RGB Percent	40%, 9%, 0%
CMY	0.5961, 0.9098, 1.0000
CMYK	0.00, 0.78, 1.00, 0.60
HSL	13°, 100%, 20%
HSV	13°, 100%, 40%
XYZ	5.8999, 3.4963, 0.3639
YIQ	44.2980, 55.0630, 9.8070

Conversions

Conversions Part 2

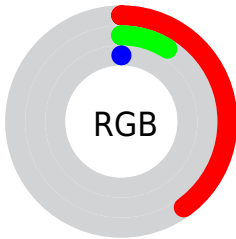
Format	Color
R_{YB}	103, 30, 0
Decimal	6756096
CIE _{Lab}	21.93, 34.47, 32.61
CIE _{LCh}	22, 47.452, 43.407
Yxy	3.4966, 0.6045, 0.3582
Android (android.graphics.Color)	4284946176 (0xFF671700)
YUV	44.2980, -21.8389, 51.4817
Hunter-Lab	18.6985, 23.5993, 11.9351

Details

The HunterLab color **18.6985, 23.5993, 11.9351** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **25.9147, -8.7315, -13.5422**, and the grayscale version is **16.0258, -0.8551, 0.8707**.

A 20% lighter version of the original color is **35.2759, 26.2768, 17.6768**, and **8.0942, 13.8886, 5.0204** is the 20% darker color. If you saturate the color by 10%, you get **18.6990, 23.5974, 11.9354**, and if you desaturate by 10%, it is **19.7138, 21.0959, 11.6273**.

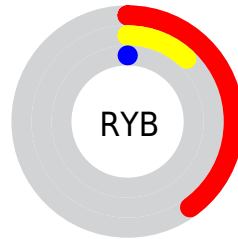
Distribution



Red (40%)

Green (9%)

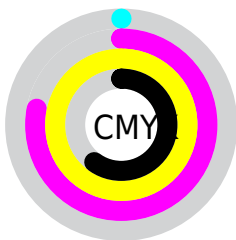
Blue (0%)



Red (40%)

Yellow (12%)

Blue (0%)

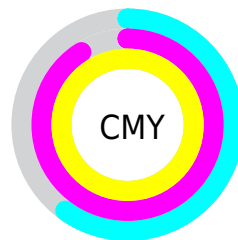


Cyan (0%)

Magenta (78%)

Yellow (100%)

Black (60%)



Cyan (60%)

Magenta (91%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.6985, 23.5993, 11.9351 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 18.6985, 23.5993, 11.9351 by changing the saturation by 10% instead.

■ 18.6985, 23.5993,
11.9351

■ 18.6985, 23.5993,
11.9351

■ 115.8194, 33.0195,
34.8039

■ 11.8158, 21.9906,
8.2711

■ 35.2931, 26.4961,
17.7435

■ 4.6246, 32.8824,
3.2373

■ 44.8150, 27.7473,
20.5001

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.0663, 28.8757,
23.1058

0.0000, NaN, NaN

■ 65.9983, 29.8919,
25.5951

0.0000, NaN, NaN

■ 77.5710, 30.8061,
27.9929

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.7507, 31.6271,

30.3181

0.0000, NaN, NaN

■ 102.5085, 32.3627,
32.5848

■ 18.6985, 23.5993,
11.9351

■ 18.6985, 23.5993,
11.9351

■ 18.6990, 23.5974,
11.9354

■ 19.7138, 21.0959,
11.6273

■ 20.9464, 18.3157,
11.2742

■ 22.3948, 15.4566,
10.6564

■ 24.0369, 12.6178,
9.8125

■ 25.8501, 9.8639,
8.7846

■ 27.8134, 7.2306,
7.6113

■ 29.9080, 4.7329,
6.3242

■ 32.1175, 2.3724,
4.9483

■ 34.4282, 0.1431,
3.5025

Harmonies

Analogous

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



18.6991, 34.1705, 6.1428



18.6985, 23.5993, 11.9351



18.6991, 7.5614, 13.0893

Triad

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



18.6991, 23.5973, 11.9354



18.6991, -20.7904, 7.0743



18.6991, 5.8464, -46.8272

Complementary

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



18.6985, 23.5993, 11.9351



25.9147, -8.7315, -13.5422

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.



18.6991, -8.2513, -45.7334



18.6985, 23.5993, 11.9351



18.6991, -20.9963, -6.1570

Square

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



18.6991, 23.5973, 11.9354



18.6991, -16.4461, 12.3490



18.6991, -17.1323, -27.5375



18.6991, 22.0197, -29.9025

Rectangle

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



18.6985, 23.5993, 11.9351



18.6991, -2.6120, 13.0893



18.6991, -17.1323, -27.5375



18.6991, 0.6711, -48.7968

Sweetspot

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



18.6991, 23.5973, 11.9354



39.7680, 6.6202, 8.6196



18.6356, 35.0764, -12.4718



19.2073, 3.7744, 4.5265



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



18.6991, 23.5973, 11.9354



24.7009, 32.5414, 15.7903



27.8507, 2.7270, 17.2092



17.1360, -0.0455, 1.6509



20.8577, 26.8168, 13.3219



46.4434, 64.8804, 29.7541

Inverse Universe

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



25.9147, -8.7315, -13.5422



34.4227, -11.3318, -18.5633



13.6638, 13.8688, -47.0173



17.5695, -1.7467, 0.2265



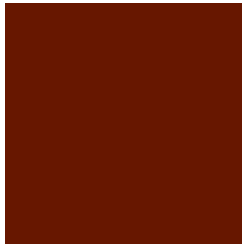
28.9772, -9.6690, -15.3464



65.1560, -20.6631, -36.8337

Previews

White Background



This preview shows how the HunterLab color 18.6985, 23.5993, 11.9351 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

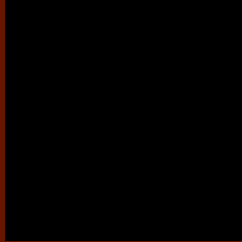
Any Text WCAG AA × Fail

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 18.6985, 23.5993, 11.9351 Background



This preview shows how black text looks on a background with the HunterLab color 18.6985, 23.5993, 11.9351.



This preview shows how white text looks on a background with the HunterLab color 18.6985, 23.5993, 11.9351.

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

18.6985, 23.5993, 11.9351

Protanopia

19.3676, -2.9534, 10.8177

Deuteranopia

19.2904, 0.3147, 11.8922



Tritanopia

18.7492, 24.5519, 9.5826

Trichromacy



Original Color

18.6985, 23.5993, 11.9351

Protanomaly

18.1157, 6.6092, 10.5266

Deuteranomaly

18.2625, 8.9576, 11.4101

Tritanomaly

18.6791, 24.2632, 10.6160

Monochromacy



Original Color

18.6985, 23.5993, 11.9351

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

15.7144, 6.8093, 5.6573

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.6985, 23.5993, 11.9351 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(103, 23, 0)` looks like.

```
.text, #text, p{  
    color:rgb(103, 23, 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(103, 23, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 23, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 18.6985, 23.5993, 11.9351 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(103, 23, 0) }
```


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

```
.border{ border-color:rgb(103, 23, 0) }
```

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

Here you see how a box with a 4 pixel rgb(103, 23, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 23, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 23, 0);  
box-shadow:4px 4px 4px 4px rgb(103, 23, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.6985, 23.5993, 11.9351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 23, 0) }
```

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

```
.background{ background-color: rgb(103, 23,  
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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