

Converting Colors

HunterLab(18.5724, 31.8067,
11.9949)

Have a look what the booklet for
HunterLab(18.5724, 31.8067,
11.9949) contains.

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Color

**HunterLab(18.5600, 31.7846,
11.9930)**

Conversions

Conversions Part 1

Format	Color
Hex	700000
RGB	112, 0, 0
RGB Percent	44%, 0%, 0%
CMY	0.5608, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.56
HSL	0°, 100%, 22%
HSV	0°, 100%, 44%
XYZ	6.6821, 3.4447, 0.3127
YIQ	33.4880, 66.7520, 23.7440

Conversions

Conversions Part 2

Format	Color
R_{YB}	112, 0, 0
Decimal	7340032
CIE Lab	21.74, 43.67, 33.02
CIE LCh	22, 54.747, 37.091
Yxy	3.4450, 0.6401, 0.3300
Android (android.graphics.Color)	4285530112 (0xFF700000)
YUV	33.4880, -16.5096, 68.8550
Hunter-Lab	18.5600, 31.7846, 11.9930

Details

The HunterLab color **18.5600, 31.7846, 11.9930** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **35.7150, -18.9322, -3.7716**, and the grayscale version is **12.5234, -0.6682, 0.6804**.

A 20% lighter version of the original color is **35.0720, 35.3779, 17.8609**, and **9.1812, 15.7470, 5.7476** is the 20% darker color. If you saturate the color by 10%, you get **18.5606, 31.7822, 11.9933**, and if you desaturate by 10%, it is **19.2705, 29.8724, 11.4044**.

Distribution



Red (44%)

Green (0%)

Blue (0%)



Red (44%)

Yellow (0%)

Blue (0%)



Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (56%)



Cyan (56%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.5600, 31.7846, 11.9930 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 18.5600, 31.7846, 11.9930 by changing the saturation by 10% instead.

■ 18.5600, 31.7846,
11.9930

■ 18.5600, 31.7846,
11.9930

■ 115.5649, 44.2758,
35.0635

■ 11.6970, 30.0214,
8.1879

■ 35.1219, 35.3137,
17.8156

■ 4.3945, 45.8868,
3.0762

■ 44.6296, 36.9224,
20.6064

0.0000, INF, NaN

0.0000, NaN, NaN

■ 54.8677, 38.4114,
23.2429

0.0000, NaN, NaN

■ 65.7873, 39.7853,
25.7604

0.0000, NaN, NaN

■ 77.3483, 41.0513,
28.1843

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 89.5169, 42.2171,


30.5337


0.0000, NaN, NaN


 102.2642, 43.2897,
32.8230


 18.5600, 31.7846,
11.9930


 18.5600, 31.7846,
11.9930


 18.5606, 31.7822,
11.9933

 19.2705, 29.8724,
11.4044

 20.2331, 27.4548,
10.6641

 21.6326, 24.2426,
9.6888

 23.4408, 20.5292,
8.5749

 25.6108, 16.5863,
7.4101

■ 28.0910, 12.6082,
6.2558

■ 30.8331, 8.7088,
5.1466

■ 33.7957, 4.9418,
4.0977

■ 36.9448, 1.3241,
3.1122

Harmonies

Analogous

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



18.5606, 42.2619, 4.3690



18.5600, 31.7846, 11.9930



18.5606, 13.0751, 12.9924

Triad

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



18.5606, 31.7822, 11.9933



18.5606, -22.1348, 9.3478



18.5606, 3.0981, -61.0230

Complementary

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



18.5600, 31.7846, 11.9930



35.7150, -18.9322, -3.7716

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.



18.5606, -11.8158, -54.0057



18.5600, 31.7846, 11.9930



18.5606, -23.1759, -3.1238

Square

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



18.5606, 31.7822, 11.9933



18.5606, -16.5355, 12.9924



18.5606, -20.1515, -28.0447



18.5606, 22.3342, -42.9203

Rectangle

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



18.5600, 31.7846, 11.9930



18.5606, 0.6497, 12.9924



18.5606, -20.1515, -28.0447



18.5606, -2.5773, -61.6723

Sweetspot

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



18.5606, 31.7822, 11.9933



40.5702, 11.9436, 6.9344



21.4815, 42.2333, -28.3328



19.2907, 6.6748, 3.6311



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



18.5606, 31.7822, 11.9933



24.6006, 42.1261, 15.8963



25.0461, 13.8699, 15.6761



18.4433, 0.4807, 1.4932



19.9565, 34.1728, 12.8953



44.5403, 76.2736, 28.7808

Inverse Universe

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



35.7150, -18.9322, -3.7716



47.3378, -25.0932, -4.9991



19.9955, 3.7403, -33.0667



19.5324, -2.4253, 0.5975



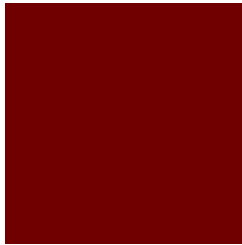
38.4012, -20.3560, -4.0553



85.7076, -45.4324, -9.0516

Previews

White Background



This preview shows how the HunterLab color 18.5600, 31.7846, 11.9930 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

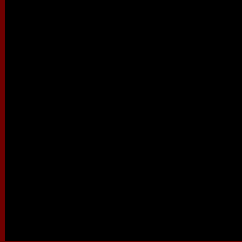
Any Text WCAG AA × Fail

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 18.5600, 31.7846, 11.9930 Background



This preview shows how black text looks on a background with the HunterLab color 18.5600, 31.7846, 11.9930.



This preview shows how white text looks on a background with the HunterLab color 18.5600, 31.7846,

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

18.5600, 31.7846, 11.9930

Protanopia

20.0437, -3.0233, 10.9611

Deuteranopia

19.9447, 0.1591, 12.2926



Tritanopia

18.9647, 29.5358, 12.2030

Trichromacy



Original Color

18.5600, 31.7846, 11.9930

Protanomaly

17.4155, 11.3306, 9.9521

Deuteranomaly

17.6706, 13.6221, 11.1270

Tritanomaly

18.7343, 30.2963, 12.0744

Monochromacy



Original Color

18.5600, 31.7846, 11.9930

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.7067, 11.3390, 4.7179

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.5600, 31.7846, 11.9930 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(112, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(112, 0, 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(112, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 0, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 18.5600, 31.7846, 11.9930 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(112, 0, 0) }
```


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

```
.border{ border-color:rgb(112, 0, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 0, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(112, 0, 0); box-shadow:4px  
4px 4px 4px rgb(112, 0, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.5600, 31.7846, 11.9930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 0, 0) }
```

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

```
.background{ background-color: rgb(112, 0,  
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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