

Converting Colors

HunterLab(12.8309, 64.1004,
-25.6154)

Have a look what the booklet for
HunterLab(12.8309, 64.1004,
-25.6154) contains.

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Color

**HunterLab(18.7676, 35.2262,
-11.7950)**

Conversions

Conversions Part 1

Format	Color
Hex	680050
RGB	104, 0, 80
RGB Percent	41%, 0%, 31%
CMY	0.5922, 1.0000, 0.6863
CMYK	0.00, 1.00, 0.23, 0.59
HSL	314°, 100%, 20%
HSV	314°, 100%, 41%
XYZ	7.1569, 3.5222, 7.8921
YIQ	40.2160, 36.3040, 46.9280

Conversions

Conversions Part 2

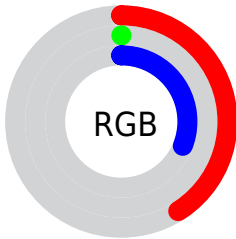
Format	Color
RYB	104, 0, 80
Decimal	6815824
CIELab	22.03, 47.24, -17.83
CIELCh	22, 50.489, 339.322
Yxy	3.5224, 0.3854, 0.1897
Android (android.graphics.Color)	4285005904 (0xFF680050)
YUV	40.2160, 19.6135, 55.9386
Hunter-Lab	18.7676, 35.2262, -11.7950

Details

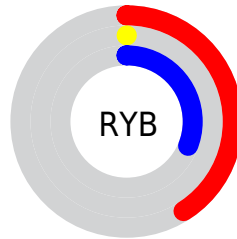
The HunterLab color **18.7676, 35.2262, -11.7950** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **31.5701, -26.3248, 17.3688**, and the grayscale version is **14.5682, -0.7773, 0.7915**.

A 20% lighter version of the original color is **35.2265, 38.8894, -12.5690**, and **9.5164, 17.5722, -3.7352** is the 20% darker color. If you saturate the color by 10%, you get **18.7676, 35.2260, -11.7941**, and if you desaturate by 10%, it is **19.4534, 33.4921, -12.0002**.

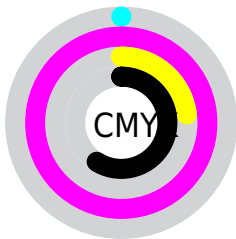
Distribution



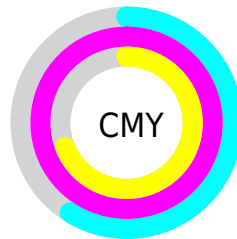
- Red (41%)
- Green (0%)
- Blue (31%)



- Red (41%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (23%)
- Black (59%)



- Cyan (59%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.7676, 35.2262, -11.7950 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 18.7676, 35.2262, -11.7950 by changing the saturation by 10% instead.

18.7676, 35.2262,
-11.7950

18.7676, 35.2262,
-11.7950

115.9461, 48.7704,
-13.3297

11.8751, 33.4474,
-11.3552

35.3784, 38.9462,
-12.5894

4.7350, 47.6075,
-16.6207

44.9074, 40.6747,
-12.8874

0.0000, INF, -NF

55.1652, 42.2882,
-13.1153

0.0000, NaN, NaN

66.1034, 43.7879,
-13.2764

0.0000, NaN, NaN

77.6819, 45.1794,
-13.3745

0.0000, NaN, NaN

89.8671, 46.4692,

0.0000, NaN, NaN

-13.4138

0.0000, NaN, NaN

102.6302, 47.6641,
-13.3977

18.7676, 35.2262,
-11.7950

18.7676, 35.2262,
-11.7950

18.7676, 35.2260,
-11.7941

19.4534, 33.4921,
-12.0002

20.3102, 31.2980,
-11.9046

21.5065, 28.2048,
-11.2305

23.0276, 24.4395,
-10.0590

24.8444, 20.2441,
-8.5005

■ 26.9224, 15.8208,
-6.6631

■ 29.2271, 11.3138,
-4.6358

■ 31.7271, 6.8141,
-2.4845

■ 34.3952, 2.3721,
-0.2549

Harmonies

Analogous

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



18.7681, 21.5212, -36.0956



18.7676, 35.2262, -11.7950



18.7681, 37.7561, 5.0139

Triad

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



18.7681, 35.2247, -11.7942



18.7681, -5.5353, 13.1377



18.7681, -18.7725, -26.7812

Complementary

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



18.7676, 35.2262, -11.7950



31.5701, -26.3248, 17.3688

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.



18.7681, -22.1075, -4.1021



18.7676, 35.2262, -11.7950



18.7681, -16.2462, 13.1377

Square

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



18.7681, 35.2247, -11.7942



18.7681, 10.5594, 13.1377



18.7681, -21.3608, 8.4617



18.7681, -10.3038, -48.5685

Rectangle

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



18.7676, 35.2262, -11.7950



18.7681, 32.1610, 10.2115



18.7681, -21.3608, 8.4617



18.7681, -20.3846, -18.5069

Sweetspot

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



18.7681, 35.2247, -11.7942



38.4419, 15.4951, -6.3765



10.8462, 27.7854, -64.4225



18.5100, 8.5682, -3.5683



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.



18.7681, 35.2247, -11.7942



24.8234, 46.5337, -15.1446



17.4192, 30.3513, 7.2035



16.9669, 0.9251, -0.0039



20.8253, 39.0685, -12.9343



47.4144, 88.7061, -27.5588

Inverse Universe

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



18.7681, 35.2247, -11.7942



24.8234, 46.5337, -15.1446



32.2527, -22.1035, 7.4029



16.9669, 0.9251, -0.0039



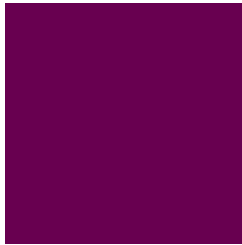
20.8253, 39.0685, -12.9343



47.4144, 88.7061, -27.5588

Previews

White Background



This preview shows how the HunterLab color 18.7676, 35.2262, -11.7950 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

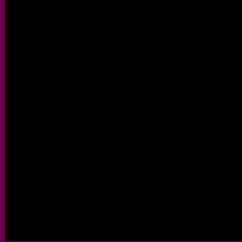
Any Text WCAG AA × Fail

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 18.7676, 35.2262, -11.7950 Background



This preview shows how black text looks on a background with the HunterLab color 18.7676, 35.2262, -11.7950.



This preview shows how white text looks on a background with the HunterLab color 18.7676, 35.2262, -11.7950.

-11.7950.

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

18.7676, 35.2262, -11.7950

Protanopia

20.1431, 5.6648, -34.3471

Deuteranopia

20.1653, 1.0062, -7.1283



Tritanopia

19.6269, 20.6443, 8.1089

Trichromacy



Original Color

18.7676, 35.2262, -11.7950

Protanomaly

16.7025, 15.8507, -34.0523

Deuteranomaly

17.7121, 15.0494, -12.3254

Tritanomaly

18.7011, 26.3819, 2.4183

Monochromacy



Original Color

18.7676, 35.2262, -11.7950

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.2403, 13.7761, -6.0328

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.7676, 35.2262, -11.7950 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(104, 0, 80)` looks like.

```
.text, #text, p{  
    color:rgb(104, 0, 80)  
}
```

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(104, 0, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 0, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 18.7676, 35.2262, -11.7950 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(104, 0, 80) }
```


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

```
.border{ border-color:rgb(104, 0, 80) }
```

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

Here you see how a box with a 4 pixel rgb(104, 0, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 0, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 0, 80);  
box-shadow:4px 4px 4px 4px rgb(104, 0, 80)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.7676, 35.2262, -11.7950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 0, 80) }
```

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

```
.background{ background-color: rgb(104, 0,  
80) }
```

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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