

# Converting Colors

HunterLab(11.7633, 16.1171,  
-17.3715)

Have a look what the booklet for  
HunterLab(11.7633, 16.1171,  
-17.3715) contains.

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# Color

**HunterLab(11.8381, 16.0799,  
-17.4710)**

# Conversions

Conversions Part 1	
Format	Color
Hex	320F41
RGB	50, 15, 65
RGB Percent	20%, 6%, 25%
CMY	0.8039, 0.9412, 0.7451
CMYK	0.23, 0.77, 0.00, 0.75
HSL	282°, 62%, 16%
HSV	282°, 77%, 25%
XYZ	2.4403, 1.4014, 5.1429
YIQ	31.1650, 4.8100, 22.9700

# Conversions

## Conversions Part 2

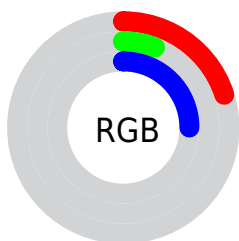
Format	Color
<a href="#">RYB</a>	<a href="#">50, 15, 65</a>
Decimal	<a href="#">3280705</a>
CIELab	<a href="#">11.97, 26.96, -24.08</a>
CIELCh	<a href="#">12, 36.144, 318.231</a>
Yxy	<a href="#">1.4015, 0.2716, 0.1560</a>
Android (android.graphics.Color)	<a href="#">4281470785</a> (0xFF320F41)
YUV	<a href="#">31.1650, 16.6807, 16.5183</a>
Hunter-Lab	<a href="#">11.8381, 16.0799, -17.4710</a>

# Details

The HunterLab color **11.8381, 16.0799, -17.4710** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **20.2265, -13.2282, 10.9070**, and the grayscale version is **11.7059, -0.6246, 0.6360**.

A 20% lighter version of the original color is **26.4965, 18.5295, -18.3070**, and **2.7541, 4.6566, -13.4947** is the 20% darker color. If you saturate the color by 10%, you get **10.9353, 17.8799, -20.0637**, and if you desaturate by 10%, it is **12.9048, 14.0057, -14.7797**.

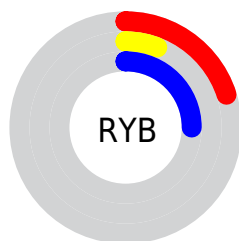
# Distribution



Red (20%)

Green (6%)

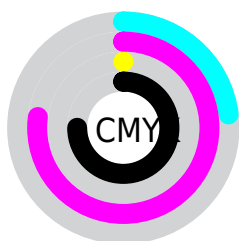
Blue (25%)



Red (20%)

Yellow (6%)

Blue (25%)

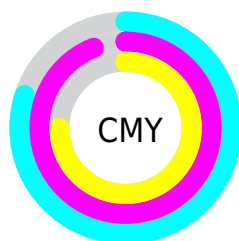


Cyan (23%)

Magenta (77%)

Yellow (0%)

Black (75%)



Cyan (80%)

Magenta (94%)

Yellow (75%)


# Brightness & Saturation Gradients


These gradients show how the HunterLab color 11.8381, 16.0799, -17.4710 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 11.8381, 16.0799, -17.4710 by changing the saturation by 10% instead.



 11.8381, 16.0799,  
-17.4710

 11.8381, 16.0799,  
-17.4710


 102.5548, 23.6887,  
-20.8217

 4.6669, 24.9290,  
-25.5867


 26.5908, 18.6267,  
-18.3328

0.0000, NaN, -NF

0.0000, NaN, NaN


 35.3255, 19.6800,  
-18.8472

0.0000, NaN, NaN


 44.8501, 20.6019,  
-19.3224

0.0000, NaN, NaN

0.0000, NaN, NaN

 55.1039, 21.4072,  
-19.7421

0.0000, NaN, NaN

 66.0382, 22.1088,  
-20.1015


0.0000, NaN, NaN


 77.6131, 22.7173,


0.0000, NaN, NaN


-20.4000


 89.7949, 23.2414,  
-20.6393


 11.8381, 16.0799,  
-17.4710


 11.8381, 16.0799,  
-17.4710


 10.9353, 17.8799,  
-20.0637


 12.9048, 14.0057,  
-14.7797

 10.0413, 19.8850,  
-22.9936

 14.1200, 11.7664,  
-12.0928

 9.7517, 20.6137,  
-24.0361

 15.4629, 9.4543,  
-9.4819

 16.9150, 7.1271,  
-6.9817

 18.4605, 4.8170,  
-4.6024

■ 20.0862, 2.5395,  
-2.3404

■ 21.7817, 0.3004,  
-0.1858

■ 23.5383, -1.9003,  
1.8739

■ 25.3490, -4.0653,  
3.8516

# Harmonies

## Analogous

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



11.8383, 5.5664, -30.0570



11.8381, 16.0799, -17.4710



11.8383, 22.7530, -3.4239

# Triad

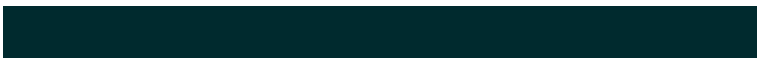
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



11.8383, 16.0797, -17.4705



11.8383, 3.2823, 8.2868



11.8383, -14.3661, -6.0916

# Complementary

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



11.8381, 16.0799, -17.4710



20.2265, -13.2282, 10.9070

# 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.



11.8383, -14.7543, 3.6433



11.8381, 16.0799, -17.4710



11.8383, -5.7707, 8.2868

# Square

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



11.8383, 16.0797, -17.4705



11.8383, 13.9653, 8.2868



11.8383, -11.6527, 8.2868



11.8383, -10.5921, -20.6744



# Rectangle

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



11.8381, 16.0799, -17.4710



11.8383, 23.0778, 2.8503



11.8383, -11.6527, 8.2868



11.8383, -14.8969, -2.0896

# Sweetspot

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



11.8383, 16.0797, -17.4705



24.5639, 5.3721, -5.0891



11.8819, 3.4751, -17.5723



12.7019, 3.0928, -2.9451



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507



# Same Dimension

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



11.8383, 16.0797, -17.4705



13.3353, 24.8382, -28.7766



13.1960, 18.0343, -7.7929



11.5777, 0.3559, -0.2845



14.4363, 30.6880, -36.9140



35.4681, 75.9747, -95.1765



# Inverse Universe

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



12.4869, 15.1026, 2.1265



14.5993, 23.0697, 4.4234



19.8805, -14.4741, 9.2539



11.5934, 0.3001, 0.5796



16.2017, 28.2955, 6.2085



40.3985, 70.1962, 18.2552



# Previews

## White Background



This preview shows how the HunterLab color 11.8381, 16.0799, -17.4710 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



This preview shows how the HunterLab color 11.8381, 16.0799, -17.4710 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

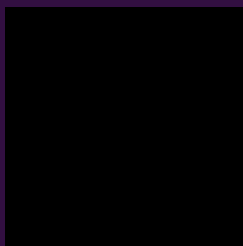
Any Text WCAG AA × Fail

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 11.8381, 16.0799, -17.4710 Background



This preview shows how black text looks on a background with the HunterLab color 11.8381, 16.0799, -17.4710.



This preview shows how white text looks on a background with the HunterLab color 11.8381, 16.0799, -17.4710.



# 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

11.8381, 16.0799, -17.4710

### Protanopia

11.9928, 1.7795, -18.8315

### Deuteranopia

12.0823, -1.0305, -12.8773



## Tritanopia

12.1743, 4.0865, 1.5914

# Trichromacy



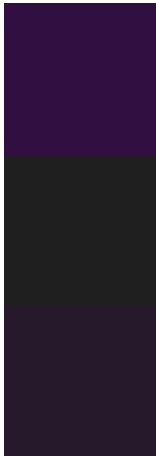
**Original Color**  
11.8381, 16.0799, -17.4710

**Protanomaly**  
11.2282, 5.8217, -20.1960

**Deuteranomaly**  
11.1776, 4.1329, -16.4582

**Tritanomaly**  
11.7964, 8.3296, -4.0725

# Monochromacy



**Original Color**  
11.8381, 16.0799, -17.4710

**Achromatopsia**  
11.7056, -0.6246, 0.6360

**Achromatomaly**  
11.3214, 5.1460, -4.9028

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 11.8381, 16.0799, -17.4710 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(50, 15, 65)` looks like.

```
.text, #text, p{  
    color:rgb(50, 15, 65)  
}
```

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(50, 15, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 15, 65) }
```

## Border

The CSS property to change the border of an element to HunterLab 11.8381, 16.0799, -17.4710 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(50, 15, 65) }
```



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

```
.border{ border-color:rgb(50, 15, 65) }
```

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

Here you see how a box with a 4 pixel rgb(50, 15, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 15, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 15, 65);  
box-shadow:4px 4px 4px 4px rgb(50, 15, 65)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 11.8381, 16.0799, -17.4710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 15, 65) }
```

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

```
.background{ background-color: rgb(50, 15,  
65) }
```

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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