

Converting Colors

HunterLab(18.3311, 35.1140,
-17.0033)

Have a look what the booklet for
HunterLab(18.3311, 35.1140,
-17.0033) contains.

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Color

**HunterLab(18.2778, 35.0659,
-17.3725)**

Conversions

Conversions Part 1

Format	Color
Hex	630057
RGB	99, 0, 87
RGB Percent	39%, 0%, 34%
CMY	0.6118, 1.0000, 0.6588
CMYK	0.00, 1.00, 0.12, 0.61
HSL	307°, 100%, 19%
HSV	307°, 100%, 39%
XYZ	6.8659, 3.3408, 9.2998
YIQ	39.5190, 31.0770, 48.0450

Conversions

Conversions Part 2

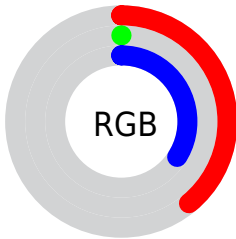
Format	Color
R_{YB}	99, 0, 87
Decimal	6488151
CIE _{Lab}	21.36, 47.20, -23.66
CIE _{LCh}	21, 52.800, 333.374
Yxy	3.3409, 0.3520, 0.1713
Android (android.graphics.Color)	4284678231 (0xFF630057)
YUV	39.5190, 23.4081, 52.1648
Hunter-Lab	18.2778, 35.0659, -17.3725

Details

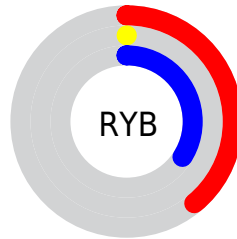
The HunterLab color **18.2778, 35.0659, -17.3725** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **29.9172, -25.3367, 17.3015**, and the grayscale version is **14.3322, -0.7647, 0.7787**.

A 20% lighter version of the original color is **34.8331, 38.6084, -18.1439**, and **9.1554, 17.4274, -7.6389** is the 20% darker color. If you saturate the color by 10%, you get **18.2778, 35.0660, -17.3720**, and if you desaturate by 10%, it is **18.9094, 33.2035, -16.8519**.

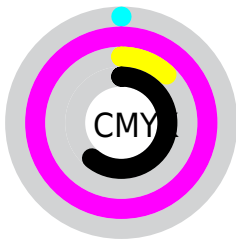
Distribution



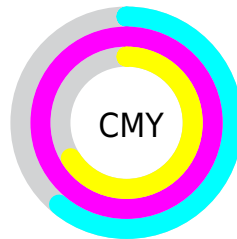
- Red (39%)
- Green (0%)
- Blue (34%)



- Red (39%)
- Yellow (0%)
- Blue (34%)



- Cyan (0%)
- Magenta (100%)
- Yellow (12%)
- Black (61%)



- Cyan (61%)
- Magenta (100%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.2778, 35.0659, -17.3725 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 18.2778, 35.0659, -17.3725 by changing the saturation by 10% instead.

18.2778, 35.0659,
-17.3725

18.2778, 35.0659,
-17.3725

115.0445, 48.6536,
-20.4285

11.4552, 33.3083,
-17.0210

34.7724, 38.7904,
-18.3836

3.8811, 56.7577,
-29.2926

44.2509, 40.5251,
-18.8523

0.0000, INF, -NF

54.4620, 42.1450,
-19.2646

0.0000, NaN, NaN

65.3562, 43.6509,
-19.6158

0.0000, NaN, NaN

76.8933, 45.0480,
-19.9058

0.0000, NaN, NaN


89.0391, 46.3431,


0.0000, NaN, NaN


-20.1362

0.0000, NaN, NaN


 101.7646, 47.5429,
-20.3096


 18.2778, 35.0659,
-17.3725


 18.2778, 35.0659,
-17.3725


 18.2778, 35.0660,
-17.3720

 18.9094, 33.2035,
-16.8519

 19.6830, 30.9624,
-16.0650

 20.7724, 27.8708,
-14.7054

 22.1656, 24.1393,
-12.8807

 23.8375, 19.9953,
-10.7197

■ 25.7573, 15.6324,
-8.3399

■ 27.8932, 11.1911,
-5.8329

■ 30.2162, 6.7611,
-3.2626

■ 32.7007, 2.3935,
-0.6699

Harmonies

Analogous

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



18.2783, 19.0114, -43.6084



18.2778, 35.0659, -17.3725



18.2783, 40.5273, 2.6214

Triad

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



18.2783, 35.0646, -17.3716



18.2783, -2.7368, 12.7948



18.2783, -20.1110, -23.2458

Complementary

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



18.2778, 35.0659, -17.3725



29.9172, -25.3367, 17.3015

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.



18.2783, -22.5471, -0.7962



18.2778, 35.0659, -17.3725



18.2783, -14.9113, 12.7948

Square

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



18.2783, 35.0646, -17.3716



18.2783, 14.8014, 12.7948



18.2783, -21.0327, 9.8091



18.2783, -12.7363, -48.5937

Rectangle

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



18.2778, 35.0659, -17.3725



18.2783, 36.2957, 9.1688



18.2783, -21.0327, 9.8091



18.2783, -21.3943, -14.6657

Sweetspot

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



18.2783, 35.0646, -17.3716



36.2817, 15.1599, -7.9270



9.8793, 26.0333, -64.3007



17.2924, 8.1956, -4.3227



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



18.2783, 35.0646, -17.3716



23.9193, 45.8574, -22.4875



16.7107, 29.4510, 4.3202



16.1979, 0.9333, -0.1838



20.8592, 40.0040, -19.7138



48.1228, 92.1476, -44.3742

Inverse Universe

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



18.2783, 35.0646, -17.3716



23.9193, 45.8574, -22.4875



30.4324, -22.1363, 9.7489



16.1979, 0.9333, -0.1838



20.8592, 40.0040, -19.7138



48.1228, 92.1476, -44.3742

Previews

White Background



This preview shows how the HunterLab color 18.2778, 35.0659, -17.3725 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 18.2778, 35.0659, -17.3725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

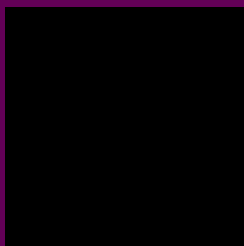
Any Text WCAG AA × Fail

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 18.2778, 35.0659, -17.3725 Background



This preview shows how black text looks on a background with the HunterLab color 18.2778, 35.0659, -17.3725.



This preview shows how white text looks on a background with the HunterLab color 18.2778, 35.0659, -17.3725.

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

18.2778, 35.0659, -17.3725

Protanopia

19.3351, 5.4337, -35.8971

Deuteranopia

19.6902, 1.1500, -11.8837



Tritanopia

19.1079, 18.0018, 6.9104

Trichromacy



Original Color

18.2778, 35.0659, -17.3725

Protanomaly

15.8701, 14.9487, -38.8879

Deuteranomaly

17.1235, 15.0210, -18.2273

Tritanomaly

18.2660, 24.7174, -0.0441

Monochromacy



Original Color

18.2778, 35.0659, -17.3725

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.0811, 13.5225, -7.3854

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.2778, 35.0659, -17.3725 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(99, 0, 87)` looks like.

```
.text, #text, p{  
    color:rgb(99, 0, 87)  
}
```

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(99, 0, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 0, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 18.2778, 35.0659, -17.3725 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(99, 0, 87) }
```


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

```
.border{ border-color:rgb(99, 0, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 0, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 0, 87); -webkit-box-shadow:4px  
4px 4px 4px rgb(99, 0, 87); box-shadow:4px  
4px 4px 4px rgb(99, 0, 87) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.2778, 35.0659, -17.3725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 0, 87) }
```

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

```
.background{ background-color: rgb(99, 0,  
87) }
```

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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