

Converting Colors

HunterLab(18.7227, 35.6990,
-16.0816)

Have a look what the booklet for
HunterLab(18.7227, 35.6990,
-16.0816) contains.

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Color

**HunterLab(18.7427, 35.7688,
-16.3481)**

Conversions

Conversions Part 1

Format	Color
Hex	660057
RGB	102, 0, 87
RGB Percent	40%, 0%, 34%
CMY	0.6000, 1.0000, 0.6588
CMYK	0.00, 1.00, 0.15, 0.60
HSL	309°, 100%, 20%
HSV	309°, 100%, 40%
XYZ	7.1998, 3.5129, 9.3154
YIQ	40.4160, 32.8650, 48.6810

Conversions

Conversions Part 2

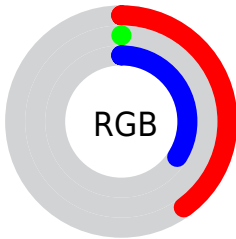
Format	Color
RYB	102, 0, 87
Decimal	6684759
CIELab	21.99, 47.80, -22.62
CIELCh	22, 52.887, 334.672
Yxy	3.5131, 0.3595, 0.1754
Android (android.graphics.Color)	4284874839 (0xFF660057)
YUV	40.4160, 22.9659, 54.0092
Hunter-Lab	18.7427, 35.7688, -16.3481

Details

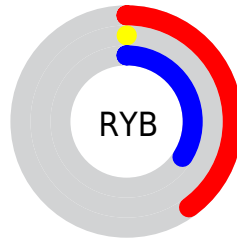
The HunterLab color **18.7427, 35.7688, -16.3481** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **30.8826, -26.0825, 17.7049**, and the grayscale version is **14.6231, -0.7803, 0.7945**.

A 20% lighter version of the original color is **35.2549, 39.5825, -17.3850**, and **9.4348, 17.8542, -7.0568** is the 20% darker color. If you saturate the color by 10%, you get **18.7427, 35.7687, -16.3475**, and if you desaturate by 10%, it is **19.3888, 33.9437, -16.0243**.

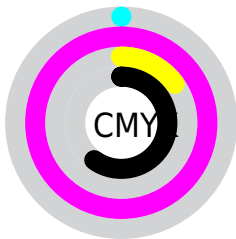
Distribution



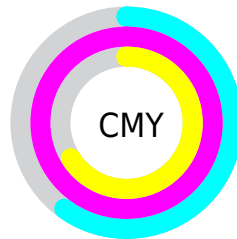
- Red (40%)
- Green (0%)
- Blue (34%)



- Red (40%)
- Yellow (0%)
- Blue (34%)



- Cyan (0%)
- Magenta (100%)
- Yellow (15%)
- Black (60%)



- Cyan (60%)
- Magenta (100%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.7427, 35.7688, -16.3481 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 18.7427, 35.7688, -16.3481 by changing the saturation by 10% instead.

18.7427, 35.7688,
-16.3481

18.7427, 35.7688,
-16.3481

115.9004, 49.4811,
-19.1447

11.8537, 33.9922,
-15.9508

35.3476, 39.5175,
-17.3363

4.6955, 48.7191,
-23.2442

44.8740, 41.2651,
-17.7761

0.0000, INF, -NF

55.1295, 42.8986,
-18.1557

0.0000, NaN, NaN

66.0654, 44.4188,
-18.4724

0.0000, NaN, NaN

77.6418, 45.8306,
-18.7272

0.0000, NaN, NaN


89.8251, 47.1406,


0.0000, NaN, NaN

-18.9223


0.0000, NaN, NaN


 102.5863, 48.3553,
-19.0605


 18.7427, 35.7688,
-16.3481


 18.7427, 35.7688,
-16.3481


 18.7427, 35.7687,
-16.3475

 19.3888, 33.9437,
-16.0243

 20.1935, 31.6858,
-15.4028

 21.3269, 28.5418,
-14.1903

 22.7765, 24.7310,
-12.4904

 24.5158, 20.4903,
-10.4311

■ 26.5122, 16.0209,
-8.1312

■ 28.7327, 11.4685,
-5.6845

■ 31.1467, 6.9259,
-3.1573

■ 33.7276, 2.4455,
-0.5930

Harmonies

Analogous

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



18.7432, 19.9433, -42.6320



18.7427, 35.7688, -16.3481



18.7432, 40.6512, 3.2540

Triad

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



18.7432, 35.7675, -16.3472



18.7432, -3.4452, 13.1202



18.7432, -20.2054, -24.4834

Complementary

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



18.7427, 35.7688, -16.3481



30.8826, -26.0825, 17.7049

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.



18.7432, -22.8848, -1.5275



18.7427, 35.7688, -16.3481



18.7432, -15.5052, 13.1202

Square

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



18.7432, 35.7675, -16.3472



18.7432, 14.0842, 13.1202



18.7432, -21.5110, 9.7263



18.7432, -12.4443, -49.5070

Rectangle

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



18.7427, 35.7688, -16.3481



18.7432, 36.0165, 9.5943



18.7432, -21.5110, 9.7263



18.7432, -21.5856, -15.8003

Sweetspot

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



18.7432, 35.7675, -16.3472



37.7849, 15.7116, -7.8143



10.2455, 26.9051, -65.9600



17.9220, 8.4932, -4.2635



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



18.7432, 35.7675, -16.3472



24.7962, 47.2813, -21.3180



17.2078, 30.2577, 4.9871



16.9778, 0.9834, -0.1583



21.2306, 40.5003, -18.3916



48.3819, 92.1283, -40.6188

Inverse Universe

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



18.7432, 35.7675, -16.3472



24.7962, 47.2813, -21.3180



31.4323, -22.6703, 9.6517



16.9778, 0.9834, -0.1583



21.2306, 40.5003, -18.3916



48.3819, 92.1283, -40.6188

Previews

White Background



This preview shows how the HunterLab color 18.7427, 35.7688, -16.3481 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 18.7427, 35.7688, -16.3481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

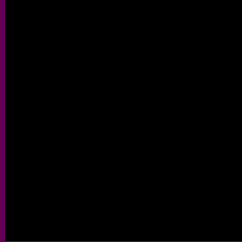
Any Text WCAG AA × Fail

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 18.7427, 35.7688, -16.3481 Background



This preview shows how black text looks on a background with the HunterLab color 18.7427, 35.7688, -16.3481.



This preview shows how white text looks on a background with the HunterLab color 18.7427, 35.7688, -16.3481.

-16.3481.

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

18.7427, 35.7688, -16.3481

Protanopia

19.9833, 5.3911, -36.6153

Deuteranopia

20.1044, 1.3036, -11.1305



Tritanopia

19.5264, 19.0341, 7.2974

Trichromacy



Original Color

18.7427, 35.7688, -16.3481

Protanomaly

16.1719, 14.8983, -38.7720

Deuteranomaly

17.5930, 15.3348, -17.1575

Tritanomaly

18.7144, 25.6427, 0.5296

Monochromacy



Original Color

18.7427, 35.7688, -16.3481

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.3088, 14.0811, -6.9758

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.7427, 35.7688, -16.3481 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(102, 0, 87)` looks like.

```
.text, #text, p{  
    color:rgb(102, 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(102, 0, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 0, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 18.7427, 35.7688, -16.3481 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(102, 0, 87) }
```


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

```
.border{ border-color:rgb(102, 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(102, 0, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 0, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 0, 87);  
box-shadow:4px 4px 4px 4px rgb(102, 0, 87)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.7427, 35.7688, -16.3481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 0, 87) }
```

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

```
.background{ background-color: rgb(102, 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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