

Converting Colors

HunterLab(18.0828, 37.4612,
-38.6550)

Have a look what the booklet for
HunterLab(18.0828, 37.4612,
-38.6550) contains.

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Color

**HunterLab(18.0127, 37.3416,
-38.7043)**

Conversions

Conversions Part 1

Format	Color
Hex	580070
RGB	88, 0, 112
RGB Percent	35%, 0%, 44%
CMY	0.6549, 1.0000, 0.5608
CMYK	0.21, 1.00, 0.00, 0.56
HSL	287°, 100%, 22%
HSV	287°, 100%, 44%
XYZ	6.9492, 3.2446, 15.5893
YIQ	39.0800, 16.4960, 53.4880

Conversions

Conversions Part 2

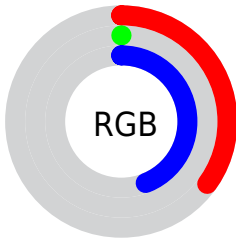
Format	Color
RYB	88, 0, 112
Decimal	5767280
CIELab	21.00, 49.60, -40.84
CIElCh	21, 64.250, 320.533
Yxy	3.2447, 0.2695, 0.1258
Android (android.graphics.Color)	4283957360 (0xFF580070)
YUV	39.0800, 35.9496, 42.9028
Hunter-Lab	18.0127, 37.3416, -38.7043

Details

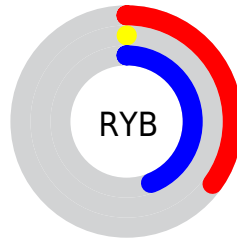
The HunterLab color **18.0127, 37.3416, -38.7043** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **34.3259, -27.9802, 20.6614**, and the grayscale version is **14.1543, -0.7552, 0.7690**.

A 20% lighter version of the original color is **34.5147, 41.3241, -39.1585**, and **8.8894, 19.2604, -25.5505** is the 20% darker color. If you saturate the color by 10%, you get **18.0128, 37.3418, -38.7042**, and if you desaturate by 10%, it is **18.9940, 35.3848, -35.5271**.

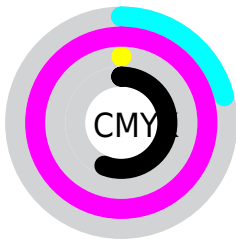
Distribution



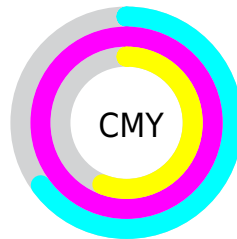
- Red (35%)
- Green (0%)
- Blue (44%)



- Red (35%)
- Yellow (0%)
- Blue (44%)



- Cyan (21%)
- Magenta (100%)
- Yellow (0%)
- Black (56%)



- Cyan (65%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.0127, 37.3416, -38.7043 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 18.0127, 37.3416, -38.7043 by changing the saturation by 10% instead.

18.0127, 37.3416,
-38.7043

18.0127, 37.3416,
-38.7043

114.5540, 51.6433,
-43.3405

11.2285, 35.6160,
-40.1006

34.4435, 41.1793,
-38.9617

3.3246, 69.9106,
-81.4511

43.8944, 42.9956,
-39.5428

0.0000, INF, -NF

0.0000, NaN, -NF

54.0799, 44.7017,
-40.2035

0.0000, NaN, NaN

64.9501, 46.2955,
-40.8831

0.0000, NaN, NaN

76.4645, 47.7806,
-41.5499

0.0000, NaN, NaN

0.0000, NaN, NaN

88.5888, 49.1627,

-42.1872

0.0000, NaN, NaN

101.2938, 50.4482,
-42.7857

18.0127, 37.3416,
-38.7043

18.0127, 37.3416,
-38.7043

18.0128, 37.3418,
-38.7042

18.9940, 35.3848,
-35.5271

20.1891, 32.8665,
-32.0023

21.7602, 29.3952,
-27.8448

23.6774, 25.2804,
-23.3533

25.8997, 20.8018,
-18.7688

■ 28.3843, 16.1638,
-14.2472

■ 31.0924, 11.4954,
-9.8713

■ 33.9908, 6.8682,
-5.6737

■ 37.0521, 2.3162,
-1.6579

Harmonies

Analogous

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



18.0131, 13.9107, -72.7181



18.0127, 37.3416, -38.7043



18.0131, 51.8682, -5.8088

Triad

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



18.0131, 37.3413, -38.7033



18.0131, 5.5245, 12.6091



18.0131, -24.1827, -16.2106

Complementary

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



18.0127, 37.3416, -38.7043



34.3259, -27.9802, 20.6614

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.



18.0131, -24.9585, 5.8551



18.0127, 37.3416, -38.7043



18.0131, -12.1733, 12.6091

Square

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



18.0131, 37.3413, -38.7033



18.0131, 29.0416, 12.6091



18.0131, -21.5279, 12.6091



18.0131, -18.9411, -52.7033

Rectangle

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



18.0127, 37.3416, -38.7043



18.0131, 51.6353, 6.2937



18.0131, -21.5279, 12.6091



18.0131, -24.9083, -6.6981

Sweetspot

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



18.0131, 37.3413, -38.7033



40.9177, 15.7232, -13.5328



13.5436, 19.2233, -58.4252



19.4702, 8.6959, -7.5518



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.



18.0131, 37.3413, -38.7033



23.7618, 49.3416, -51.6888



20.0699, 37.2749, -9.5546



18.4910, 0.9243, -0.6273



19.3417, 40.1153, -41.7032



42.7228, 88.9328, -94.6299

Inverse Universe

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



18.7371, 32.4390, 9.3788



24.8018, 42.8758, 12.9103



34.1925, -28.2461, 18.2378



18.4720, 0.6362, 1.0820



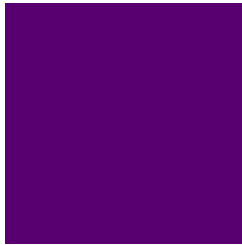
20.1383, 34.8508, 10.1966



44.8274, 77.3417, 24.5211

Previews

White Background



This preview shows how the HunterLab color 18.0127, 37.3416, -38.7043 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 18.0127, 37.3416, -38.7043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

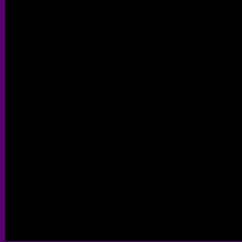
Any Text WCAG AA × Fail

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 18.0127, 37.3416, -38.7043 Background



This preview shows how black text looks on a background with the HunterLab color 18.0127, 37.3416, -38.7043.



This preview shows how white text looks on a background with the HunterLab color 18.0127, 37.3416, -38.7043.

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

18.0127, 37.3416, -38.7043

Protanopia

18.9256, 5.0075, -34.4651

Deuteranopia

18.9617, -0.0102, -23.6783



Tritanopia

19.0429, 9.3779, 3.5251

Trichromacy



Original Color

18.0127, 37.3416, -38.7043

Protanomaly

15.9452, 16.9725, -45.7978

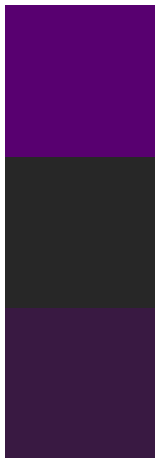
Deuteranomaly

15.7113, 13.3486, -37.5221

Tritanomaly

17.5479, 20.4802, -8.9701

Monochromacy



Original Color

18.0127, 37.3416, -38.7043

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

13.9945, 14.0085, -12.9682

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.0127, 37.3416, -38.7043 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(88, 0, 112)` looks like.

```
.text, #text, p{  
    color:rgb(88, 0, 112)  
}
```

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(88, 0, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 0, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 18.0127, 37.3416, -38.7043 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(88, 0, 112) }
```


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

```
.border{ border-color:rgb(88, 0, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 0, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 0, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 0, 112);  
box-shadow:4px 4px 4px 4px rgb(88, 0, 112)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.0127, 37.3416, -38.7043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 0, 112) }
```

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

```
.background{ background-color: rgb(88, 0,  
112) }
```

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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