

Converting Colors

HunterLab(18.0608, 42.7678,
-80.0963)

Have a look what the booklet for
HunterLab(18.0608, 42.7678,
-80.0963) contains.

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Color

**HunterLab(18.0608, 42.7678,
-80.0963)**

Conversions

Conversions Part 1

Format	Color
Hex	410094
RGB	65, 0, 148
RGB Percent	25%, 0%, 58%
CMY	0.7451, 1.0000, 0.4196
CMYK	0.56, 1.00, 0.00, 0.42
HSL	266°, 100%, 29%
HSV	266°, 100%, 58%
XYZ	7.5253, 3.2619, 28.2499
YIQ	36.3070, -8.7680, 59.8080

Conversions

Conversions Part 2

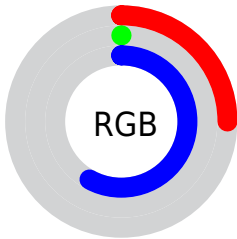
Format	Color
R_{YB}	65, 0, 148
Decimal	4259988
CIE _{Lab}	21.06, 54.94, -63.66
CIE _{LCh}	21, 84.088, 310.798
Yxy	3.2621, 0.1928, 0.0836
Android (android.graphics.Color)	4282450068 (0xFF410094)
YUV	36.3070, 55.0646, 25.1638
Hunter-Lab	18.0608, 42.7678, -80.0963

Details

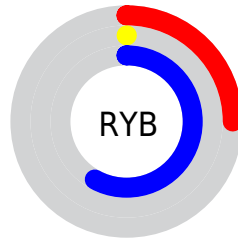
The HunterLab color **18.0608, 42.7678, -80.0963** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **47.9778, -31.2909, 29.0159**, and the grayscale version is **13.2126, -0.7050, 0.7179**.

A 20% lighter version of the original color is **34.4387, 46.5907, -75.2342**, and **9.1898, 24.9274, -65.2976** is the 20% darker color. If you saturate the color by 10%, you get **18.0612, 42.7682, -80.0943**, and if you desaturate by 10%, it is **19.7548, 40.2820, -71.2096**.

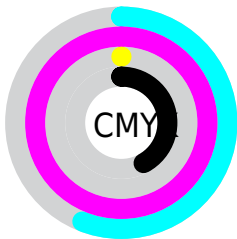
Distribution



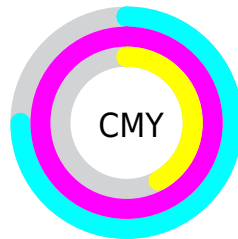
- Red (25%)
- Green (0%)
- Blue (58%)



- Red (25%)
- Yellow (0%)
- Blue (58%)



- Cyan (56%)
- Magenta (100%)
- Yellow (0%)
- Black (42%)



- Cyan (75%)
- Magenta (100%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.0608, 42.7678, -80.0963 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 18.0608, 42.7678, -80.0963 by changing the saturation by 10% instead.

18.0608, 42.7678,
-80.0963

18.0608, 42.7678,
-80.0963

114.6432, 58.4803,
-78.8359

11.2696, 41.1338,
-88.2495

34.5032, 46.7990,
-75.3619

3.4326, 77.8826,
-187.1673

43.9592, 48.7724,
-75.0152

0.0000, INF, -NF

0.0000, NaN, -NF

54.1493, 50.6496,
-75.2102

0.0000, NaN, -NF

65.0239, 52.4205,
-75.7112

0.0000, NaN, NaN

76.5425, 54.0848,
-76.3878

0.0000, NaN, NaN

0.0000, NaN, NaN

88.6707, 55.6462,

-77.1629

0.0000, NaN, NaN

101.3794, 57.1095,
-77.9890

18.0608, 42.7678,
-80.0963

18.0608, 42.7678,
-80.0963

18.0612, 42.7682,
-80.0943

19.7548, 40.2820,
-71.2096

21.9605, 36.7127,
-61.4669

24.7754, 32.0617,
-51.2196

28.0973, 26.9277,
-41.3357

31.8288, 21.6795,
-32.1973

■ 35.8902, 16.4959,
-23.8795

■ 40.2205, 11.4442,
-16.3166

■ 44.7737, 6.5363,
-9.3969

■ 49.5152, 1.7604,
-3.0061

Harmonies

Analogous

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



18.0612, 9.0230, -127.8476



18.0608, 42.7678, -80.0963



18.0612, 71.2034, -21.6527

Triad

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



18.0612, 42.7682, -80.0943



18.0612, 17.8635, 12.6428



18.0612, -29.6299, -9.9399

Complementary

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



18.0608, 42.7678, -80.0963



47.9778, -31.2909, 29.0159

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.



18.0612, -28.8604, 10.6552



18.0608, 42.7678, -80.0963



18.0612, -9.1647, 12.6428

Square

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



18.0612, 42.7682, -80.0943



18.0612, 52.1970, 12.6428



18.0612, -22.9530, 12.6428



18.0612, -25.0598, -62.3570

Rectangle

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



18.0608, 42.7678, -80.0963



18.0612, 77.3445, 1.6122



18.0612, -22.9530, 12.6428



18.0612, -29.9872, 0.3306

Sweetspot

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



18.0612, 42.7682, -80.0943



53.0725, 15.5982, -22.2499



29.0828, 1.3076, -39.1736



24.2900, 8.6716, -12.4262



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



18.0612, 42.7682, -80.0943



23.7853, 56.5937, -107.5791



27.4823, 54.8441, -42.5489



23.9794, 0.6653, -1.2090



16.7391, 39.5763, -73.7565



2.2641, 4.8646, -6.1899

Inverse Universe

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



26.3066, 47.4247, -1.4023



34.8936, 62.8136, -1.1518



46.0907, -39.1678, 27.7152



24.2210, 1.3061, 0.4778



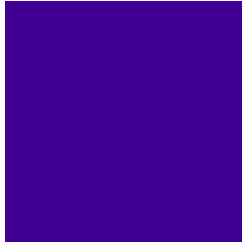
24.3242, 43.8715, -1.4571



2.7992, 5.2415, -1.6625

Previews

White Background



This preview shows how the HunterLab color 18.0608, 42.7678, -80.0963 looks on a white background.

Color Contrast Check

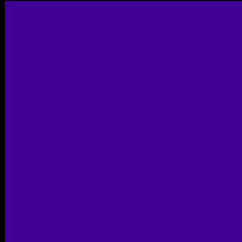
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.0608, 42.7678, -80.0963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

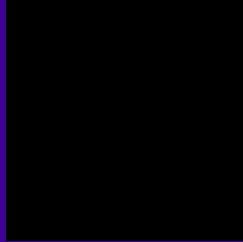
Any Text WCAG AA × Fail

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 18.0608, 42.7678, -80.0963 Background



This preview shows how black text looks on a background with the HunterLab color 18.0608, 42.7678, -80.0963.



This preview shows how white text looks on a background with the HunterLab color 18.0608, 42.7678, -80.0963.

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

18.0608, 42.7678, -80.0963

Protanopia

18.8683, 4.7113, -33.7540

Deuteranopia

19.0228, -1.4802, -20.5814



Tritanopia

19.2717, -5.5474, -2.2430

Trichromacy



Original Color

18.0608, 42.7678, -80.0963

Protanomaly

16.4680, 19.9106, -56.9697

Deuteranomaly

16.2733, 15.2679, -46.6252

Tritanomaly

16.3442, 12.0198, -27.2853

Monochromacy



Original Color

18.0608, 42.7678, -80.0963

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

13.2399, 14.8256, -23.0238

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.0608, 42.7678, -80.0963 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(65, 0, 148)` looks like.

```
.text, #text, p{  
    color:rgb(65, 0, 148)  
}
```

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(65, 0, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 0, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 18.0608, 42.7678, -80.0963 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(65, 0, 148) }
```


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

```
.border{ border-color:rgb(65, 0, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 0, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 0, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 0, 148);  
box-shadow:4px 4px 4px 4px rgb(65, 0, 148)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.0608, 42.7678, -80.0963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 0, 148) }
```

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

```
.background{ background-color: rgb(65, 0,  
148) }
```

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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