

Converting Colors

HunterLab(18.4106, 41.8530,
-68.1364)

Have a look what the booklet for
HunterLab(18.4106, 41.8530,
-68.1364) contains.

HunterLab(18.4101, 41.8123, -67.8280)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(18.4101, 41.8123,
-67.8280)**

Conversions

Conversions Part 1

Format	Color
Hex	4B008C
RGB	75, 0, 140
RGB Percent	29%, 0%, 55%
CMY	0.7059, 1.0000, 0.4510
CMYK	0.46, 1.00, 0.00, 0.45
HSL	272°, 100%, 27%
HSV	272°, 100%, 55%
XYZ	7.6353, 3.3893, 25.0628
YIQ	38.3850, -0.2400, 59.4400

Conversions

Conversions Part 2

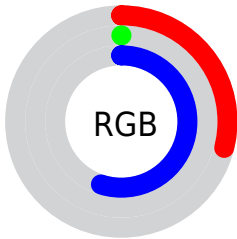
Format	Color
R _Y B	75, 0, 140
Decimal	4915340
CIE Lab	21.54, 53.93, -57.85
CIE LCh	22, 79.086, 312.994
Yxy	3.3894, 0.2116, 0.0939
Android (android.graphics.Color)	4283105420 (0xFF4B008C)
YUV	38.3850, 50.0962, 32.1114
Hunter-Lab	18.4101, 41.8123, -67.8280

Details

The HunterLab color **18.4101, 41.8123, -67.8280** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **44.5870, -31.7561, 26.9184**, and the grayscale version is **13.8902, -0.7411, 0.7547**.

A 20% lighter version of the original color is **34.9438, 45.7786, -65.2679**, and **9.0257, 23.4478, -56.1131** is the 20% darker color. If you saturate the color by 10%, you get **18.4104, 41.8128, -67.8267**, and if you desaturate by 10%, it is **19.9478, 39.6066, -60.7597**.

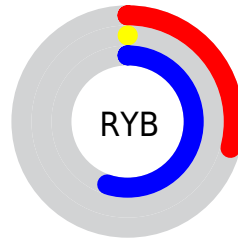
Distribution



Red (29%)

Green (0%)

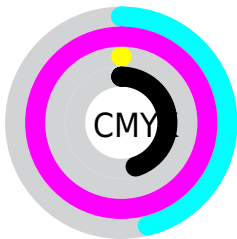
Blue (55%)



Red (29%)

Yellow (0%)

Blue (55%)

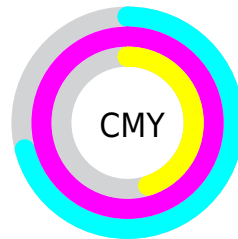


Cyan (46%)

Magenta (100%)

Yellow (0%)

Black (45%)



Cyan (71%)

Magenta (100%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.4101, 41.8123, -67.8280 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 18.4101, 41.8123, -67.8280 by changing the saturation by 10% instead.

18.4101, 41.8123,
-67.8280

18.4101, 41.8123,
-67.8280

115.2883, 57.2390,
-69.2655

11.5683, 40.1248,
-73.4156

34.9360, 45.8161,
-65.0238

4.1297, 64.2094,
-130.6709

44.4283, 47.7569,
-65.0716

0.0000, INF, -NF

0.0000, NaN, -NF

54.6520, 49.5977,
-65.4961

0.0000, NaN, -NF

65.5582, 51.3307,
-66.1245

0.0000, NaN, NaN

77.1064, 52.9567,
-66.8614

0.0000, NaN, NaN

0.0000, NaN, NaN

89.2630, 54.4798,

-67.6511

0.0000, NaN, NaN

101.9987, 55.9054,
-68.4596

18.4101, 41.8123,
-67.8280

18.4101, 41.8123,
-67.8280

18.4104, 41.8128,
-67.8267

19.9478, 39.6066,
-60.7597

21.9062, 36.4146,
-53.0164

24.4043, 32.1129,
-44.6782

27.3654, 27.2203,
-36.4169

30.7096, 22.0983,
-28.5920

■ 34.3681, 16.9502,
-21.3286

■ 38.2856, 11.8718,
-14.6238

■ 42.4193, 6.8979,
-8.4195

■ 46.7361, 2.0330,
-2.6415

Harmonies

Analogous

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



18.4104, 10.4874, -112.0493



18.4101, 41.8123, -67.8280



18.4104, 66.4707, -16.8361

Triad

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



18.4104, 41.8128, -67.8267



18.4104, 14.4175, 12.8873



18.4104, -28.4819, -11.7315

Complementary

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



18.4101, 41.8123, -67.8280



44.5870, -31.7561, 26.9184

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.



18.4104, -28.1427, 9.7331



18.4101, 41.8123, -67.8280



18.4104, -10.1907, 12.8873

Square

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



18.4104, 41.8128, -67.8267



18.4104, 45.9169, 12.8873



18.4104, -22.9616, 12.8873



18.4104, -23.9333, -60.3365

Rectangle

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



18.4101, 41.8123, -67.8280



18.4104, 70.7073, 3.1355



18.4104, -22.9616, 12.8873



18.4104, -28.9357, -1.4216

Sweetspot

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



18.4104, 41.8128, -67.8267



50.4975, 16.1858, -19.9598



23.9008, 7.7873, -46.6844



23.2959, 8.9697, -11.1411



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



18.4104, 41.8128, -67.8267



24.2473, 55.2914, -91.0520



27.0817, 52.8720, -32.8394



22.3953, 0.7698, -1.0277



17.3881, 39.4530, -63.7663



1.6973, 3.5651, -4.0076

Inverse Universe

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



24.4072, 43.3616, 3.6511



32.3586, 57.3958, 5.5549



43.3203, -37.0629, 25.8615



22.5493, 1.0936, 0.6999



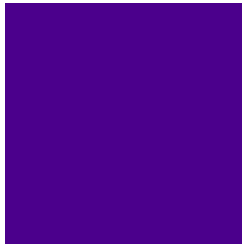
23.0153, 40.9048, 3.3194



1.9519, 3.6085, -0.7994

Previews

White Background



This preview shows how the HunterLab color 18.4101, 41.8123, -67.8280 looks on a white background.

Color Contrast Check

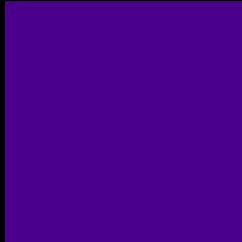
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4101, 41.8123, -67.8280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

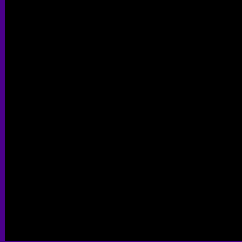
Any Text WCAG AA × Fail

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 18.4101, 41.8123, -67.8280 Background



This preview shows how black text looks on a background with the HunterLab color 18.4101, 41.8123, -67.8280.



This preview shows how white text looks on a background with the HunterLab color 18.4101, 41.8123, -67.8280.

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

18.4101, 41.8123, -67.8280

Protanopia

19.2771, 5.1349, -35.1794

Deuteranopia

19.4185, -1.1251, -21.8426



Tritanopia

19.6478, -0.4862, -0.3876

Trichromacy



Original Color

18.4101, 41.8123, -67.8280

Protanomaly

16.6799, 19.3613, -54.8309

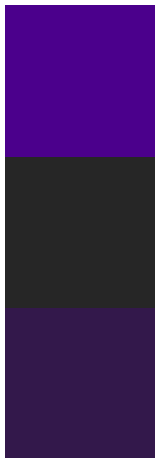
Deuteranomaly

16.3237, 15.2558, -45.3525

Tritanomaly

17.1195, 15.3875, -21.1566

Monochromacy



Original Color

18.4101, 41.8123, -67.8280

Achromatopsia

13.9221, -0.7428, 0.7564

Achromatomaly

13.6568, 14.8136, -20.2247

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.4101, 41.8123, -67.8280 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(75, 0, 140)` looks like.

```
.text, #text, p{  
    color:rgb(75, 0, 140)  
}
```

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(75, 0, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 0, 140) }
```

Border

The CSS property to change the border of an element to HunterLab 18.4101, 41.8123, -67.8280 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(75, 0, 140) }
```


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

```
.border{ border-color:rgb(75, 0, 140) }
```

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

Here you see how a box with a 4 pixel rgb(75, 0, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 0, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 0, 140);  
box-shadow:4px 4px 4px 4px rgb(75, 0, 140)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.4101, 41.8123, -67.8280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 0, 140) }
```

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

```
.background{ background-color: rgb(75, 0,  
140) }
```

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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