

Converting Colors

HunterLab(11.1566, 86.0789,
-117.3047)

Have a look what the booklet for
HunterLab(11.1566, 86.0789,
-117.3047) contains.

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Color

**HunterLab(18.6237, 41.5914,
-63.1417)**

Conversions

Conversions Part 1

Format	Color
Hex	4F0089
RGB	79, 0, 137
RGB Percent	31%, 0%, 54%
CMY	0.6902, 1.0000, 0.4627
CMYK	0.42, 1.00, 0.00, 0.46
HSL	275°, 100%, 27%
HSV	275°, 100%, 54%
XYZ	7.7398, 3.4684, 23.9285
YIQ	39.2390, 3.1070, 59.3550

Conversions

Conversions Part 2

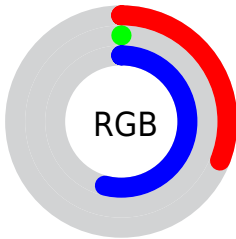
Format	Color
R_{YB}	79, 0, 137
Decimal	5177481
CIE _{Lab}	21.83, 53.66, -55.47
CIE _{LCh}	22, 77.177, 314.051
Yxy	3.4685, 0.2203, 0.0987
Android (android.graphics.Color)	4283367561 (0xFF4F0089)
YUV	39.2390, 48.1962, 34.8704
Hunter-Lab	18.6237, 41.5914, -63.1417

Details

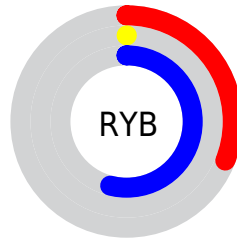
The HunterLab color **18.6237, 41.5914, -63.1417** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **43.3485, -31.8386, 26.1537**, and the grayscale version is **14.1700, -0.7561, 0.7699**.

A 20% lighter version of the original color is **35.1536, 45.7139, -60.6711**, and **9.1786, 23.0385, -50.8120** is the 20% darker color. If you saturate the color by 10%, you get **18.6240, 41.5919, -63.1406**, and if you desaturate by 10%, it is **20.0855, 39.4728, -56.7946**.

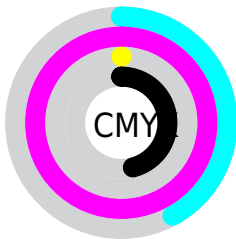
Distribution



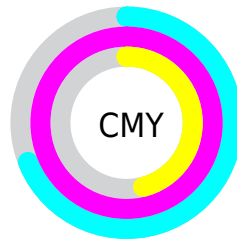
- Red (31%)
- Green (0%)
- Blue (54%)



- Red (31%)
- Yellow (0%)
- Blue (54%)



- Cyan (42%)
- Magenta (100%)
- Yellow (0%)
- Black (46%)



- Cyan (69%)
- Magenta (100%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.6237, 41.5914, -63.1417 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 18.6237, 41.5914, -63.1417 by changing the saturation by 10% instead.

18.6237, 41.5914,
-63.1417

18.6237, 41.5914,
-63.1417

115.6815, 56.9299,
-65.4698

11.7514, 39.8818,
-67.8022

35.2003, 45.5877,
-61.0197

4.5014, 59.1591,
-111.7123

44.7145, 47.5181,
-61.2005

0.0000, INF, -NF

0.0000, NaN, -NF

54.9587, 49.3474,
-61.6979

0.0000, NaN, -NF

65.8840, 51.0684,
-62.3622

0.0000, NaN, NaN

77.4503, 52.6825,
-63.1108

0.0000, NaN, NaN

0.0000, NaN, NaN

89.6240, 54.1938,

-63.8959

0.0000, NaN, NaN

102.3761, 55.6077,
-64.6883

18.6237, 41.5914,
-63.1417

18.6237, 41.5914,
-63.1417

18.6240, 41.5919,
-63.1406

20.0855, 39.4728,
-56.7946

21.9374, 36.4017,
-49.8099

24.3056, 32.2128,
-42.1914

27.1223, 27.3951,
-34.5447

30.3140, 22.3063,
-27.2196

■ 33.8158, 17.1583,
-20.3585

■ 37.5743, 12.0579,
-13.9809

■ 41.5478, 7.0488,
-8.0487

■ 45.7034, 2.1417,
-2.5030

Harmonies

Analogous

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



18.6240, 11.1978, -106.0937



18.6237, 41.5914, -63.1417



18.6240, 64.7525, -14.9393

Triad

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



18.6240, 41.5919, -63.1406



18.6240, 13.0058, 13.0368



18.6240, -28.0931, -12.6102

Complementary

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



18.6237, 41.5914, -63.1417



43.3485, -31.8386, 26.1537

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.



18.6240, -27.9383, 9.3412



18.6237, 41.5914, -63.1417



18.6240, -10.6838, 13.0368

Square

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



18.6240, 41.5919, -63.1406



18.6240, 43.4630, 13.0368



18.6240, -23.0498, 13.0368



18.6240, -23.5149, -59.7700

Rectangle

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



18.6237, 41.5914, -63.1417



18.6240, 68.2117, 3.7840



18.6240, -23.0498, 13.0368



18.6240, -28.5883, -2.2606

Sweetspot

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



18.6240, 41.5919, -63.1406



49.9400, 16.5844, -19.2552



22.2978, 9.7971, -49.0195



22.7722, 9.0245, -10.5607



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



18.6240, 41.5919, -63.1406



24.7268, 55.4258, -85.4198



26.2172, 50.8288, -29.0359



22.4171, 0.8435, -0.9986



17.9946, 40.1655, -60.8467



1.7365, 3.6174, -3.8670

Inverse Universe

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



23.7147, 41.9002, 5.3391



31.6860, 55.8910, 7.8566



42.3219, -36.1222, 25.0788



22.5420, 1.0547, 0.8031



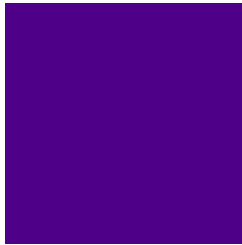
22.8930, 40.4579, 5.0803



1.9401, 3.5664, -0.6367

Previews

White Background



This preview shows how the HunterLab color 18.6237, 41.5914, -63.1417 looks on a white background.

Color Contrast Check

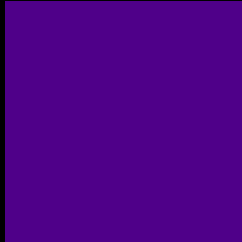
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.6237, 41.5914, -63.1417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

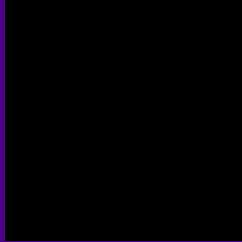
Any Text WCAG AA × Fail

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 18.6237, 41.5914, -63.1417 Background



This preview shows how black text looks on a background with the HunterLab color 18.6237, 41.5914, -63.1417.



This preview shows how white text looks on a background with the HunterLab color 18.6237, 41.5914, -63.1417.

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

18.6237, 41.5914, -63.1417

Protanopia

19.5719, 4.9644, -35.1798

Deuteranopia

19.4662, -0.8640, -22.4658



Tritanopia

19.6056, 1.7560, 0.0060

Trichromacy



Original Color

18.6237, 41.5914, -63.1417

Protanomaly

16.7643, 19.5520, -54.4464

Deuteranomaly

16.4098, 15.4700, -45.0033

Tritanomaly

17.4961, 17.0901, -19.4757

Monochromacy



Original Color

18.6237, 41.5914, -63.1417

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.0980, 15.0720, -19.0438

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.6237, 41.5914, -63.1417 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(79, 0, 137)` looks like.

```
.text, #text, p{  
    color:rgb(79, 0, 137)  
}
```

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(79, 0, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 0, 137) }
```

Border

The CSS property to change the border of an element to HunterLab 18.6237, 41.5914, -63.1417 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(79, 0, 137) }
```


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

```
.border{ border-color:rgb(79, 0, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 0, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 0, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 0, 137);  
box-shadow:4px 4px 4px 4px rgb(79, 0, 137)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.6237, 41.5914, -63.1417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 0, 137) }
```

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

```
.background{ background-color: rgb(79, 0,  
137) }
```

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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