

Converting Colors

HunterLab(16.0843, 37.1525,
-64.0841)

Have a look what the booklet for
HunterLab(16.0843, 37.1525,
-64.0841) contains.

HunterLab(16.1718, 37.3316, -64.2540)	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(16.1718, 37.3316,
-64.2540)**

Conversions

Conversions Part 1

Format	Color
Hex	3F0080
RGB	63, 0, 128
RGB Percent	25%, 0%, 50%
CMY	0.7529, 1.0000, 0.4980
CMYK	0.51, 1.00, 0.00, 0.50
HSL	270°, 100%, 25%
HSV	270°, 100%, 50%
XYZ	5.9462, 2.6153, 20.6135
YIQ	33.4290, -3.5400, 53.1640

Conversions

Conversions Part 2

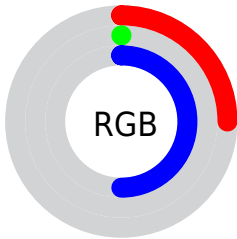
Format	Color
RYB	63, 0, 128
Decimal	4128896
CIELab	18.43, 50.08, -55.47
CIElCh	18, 74.732, 312.072
Yxy	2.6154, 0.2038, 0.0896
Android (android.graphics.Color)	4282318976 (0xFF3F0080)
YUV	33.4290, 46.6235, 25.9338
Hunter-Lab	16.1718, 37.3316, -64.2540

Details

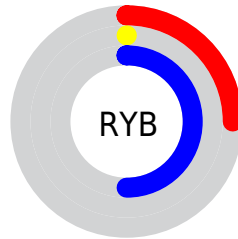
The HunterLab color **16.1718, 37.3316, -64.2540** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **40.6966, -27.8009, 24.5903**, and the grayscale version is **12.3263, -0.6577, 0.6697**.

A 20% lighter version of the original color is **32.1332, 41.3365, -61.1340**, and **7.4166, 20.1175, -52.6980** is the 20% darker color. If you saturate the color by 10%, you get **16.1721, 37.3320, -64.2526**, and if you desaturate by 10%, it is **17.6775, 34.9785, -56.9902**.

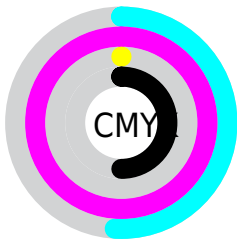
Distribution



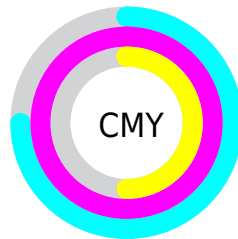
- Red (25%)
- Green (0%)
- Blue (50%)



- Red (25%)
- Yellow (0%)
- Blue (50%)



- Cyan (51%)
- Magenta (100%)
- Yellow (0%)
- Black (50%)



- Cyan (75%)
- Magenta (100%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.1718, 37.3316, -64.2540 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 16.1718, 37.3316, -64.2540 by changing the saturation by 10% instead.

■ 16.1718, 37.3316,
-64.2540

■ 16.1718, 37.3316,
-64.2540

■ 111.1000, 51.9428,
-65.2148

■ 9.6664, 35.7644,
-70.8439

■ 32.1441, 41.1838,
-61.0846

0.0000, INF, -NF

0.0000, NaN, -NF

■ 41.3972, 43.0407,
-61.1017

0.0000, NaN, -NF

■ 51.3993, 44.7914,
-61.5131

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.0980, 46.4301,
-62.1322


0.0000, NaN, NaN


■ 73.4506, 47.9589,
-62.8589


0.0000, NaN, NaN


■ 85.4214, 49.3832,


-63.6356


 97.9800, 50.7091,
-64.4280


 16.1718, 37.3316,
-64.2540


 16.1718, 37.3316,
-64.2540


 16.1721, 37.3320,
-64.2526

 17.6775, 34.9785,
-56.9902

 19.5354, 31.9447,
-49.3845

 21.8790, 28.0060,
-41.3701

 24.6326, 23.6252,
-33.5635

 27.7221, 19.1030,
-26.2607

■ 31.0857, 14.5973,
-19.5409

■ 34.6745, 10.1763,
-13.3754

■ 38.4513, 5.8600,
-7.6939

■ 42.3874, 1.6456,
-2.4181

Harmonies

Analogous

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



16.1721, 8.7492, -104.6102



16.1718, 37.3316, -64.2540



16.1721, 60.4794, -16.5666

Triad

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



16.1721, 37.3320, -64.2526



16.1721, 13.9741, 11.3205



16.1721, -26.5845, -9.7268

Complementary

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



16.1718, 37.3316, -64.2540



40.6966, -27.8009, 24.5903

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.



16.1721, -26.0520, 9.0710



16.1718, 37.3316, -64.2540



16.1721, -8.6511, 11.3205

Square

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



16.1721, 37.3320, -64.2526



16.1721, 42.8345, 11.3205



16.1721, -20.3861, 11.3205



16.1721, -21.8408, -54.0875

Rectangle

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



16.1718, 37.3316, -64.2540



16.1721, 64.8940, 2.2418



16.1721, -20.3861, 11.3205



16.1721, -27.0166, -0.6110

Sweetspot

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



16.1721, 37.3320, -64.2526



45.6723, 13.9035, -18.2906



23.3892, 3.7321, -37.2910



21.2699, 7.7287, -10.2244



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



16.1721, 37.3320, -64.2526



21.2585, 49.3132, -86.3194



24.4623, 48.2633, -33.5794



20.7545, 0.6159, -0.9506



16.1063, 37.1772, -63.9677

0.0000, NaN, NaN

Inverse Universe

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



22.2954, 39.8931, 1.1386



29.5342, 52.7543, 2.2158



39.3092, -33.6177, 23.6336



20.9233, 1.0216, 0.5550

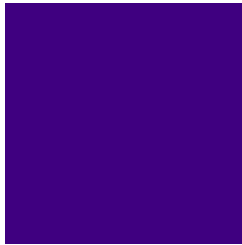


22.2018, 39.7269, 1.1247

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 16.1718, 37.3316, -64.2540 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 16.1718, 37.3316, -64.2540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

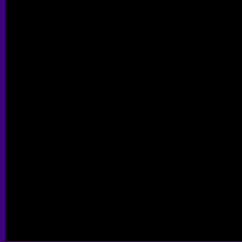
Any Text WCAG AA × Fail

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 16.1718, 37.3316, -64.2540 Background



This preview shows how black text looks on a background with the HunterLab color 16.1718, 37.3316, -64.2540.



This preview shows how white text looks on a background with the HunterLab color 16.1718, 37.3316, -64.2540.

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

16.1718, 37.3316, -64.2540

Protanopia

17.1286, 4.0881, -30.2343

Deuteranopia

17.0918, -1.2865, -18.5862



Tritanopia

17.4350, -2.2409, -1.1642

Trichromacy



Original Color

16.1718, 37.3316, -64.2540

Protanomaly

14.9549, 17.1812, -48.9690

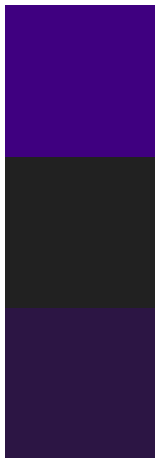
Deuteranomaly

14.6126, 13.1524, -39.6846

Tritanomaly

15.1829, 12.4278, -20.8259

Monochromacy



Original Color

16.1718, 37.3316, -64.2540

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.2031, 13.0228, -18.8234

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.1718, 37.3316, -64.2540 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(63, 0, 128)` looks like.

```
.text, #text, p{  
    color:rgb(63, 0, 128)  
}
```

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(63, 0, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 0, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 16.1718, 37.3316, -64.2540 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(63, 0, 128) }
```


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

```
.border{ border-color:rgb(63, 0, 128) }
```

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

Here you see how a box with a 4 pixel rgb(63, 0, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 0, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 0, 128);  
box-shadow:4px 4px 4px 4px rgb(63, 0, 128)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.1718, 37.3316, -64.2540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 0, 128) }
```

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

```
.background{ background-color: rgb(63, 0,  
128) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor