

Converting Colors

HunterLab(16.3768, 35.9306,
-50.5452)

Have a look what the booklet for
HunterLab(16.3768, 35.9306,
-50.5452) contains.

HunterLab(16.3159, 35.8130, -50.4762)	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>	30

Color

**HunterLab(16.3159, 35.8130,
-50.4762)**

Conversions

Conversions Part 1

Format	Color
Hex	480075
RGB	72, 0, 117
RGB Percent	28%, 0%, 46%
CMY	0.7176, 1.0000, 0.5412
CMYK	0.38, 1.00, 0.00, 0.54
HSL	277°, 100%, 23%
HSV	277°, 100%, 46%
XYZ	5.8834, 2.6621, 17.0334
YIQ	34.8660, 5.3550, 51.6510

Conversions

Conversions Part 2

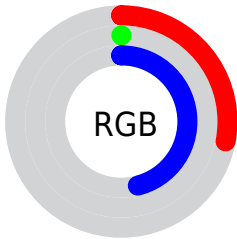
Format	Color
R_{YB}	72, 0, 117
Decimal	4718709
CIE _{Lab}	18.64, 48.49, -48.05
CIE _{LCh}	19, 68.265, 315.265
Yxy	2.6622, 0.2300, 0.1041
Android (android.graphics.Color)	4282908789 (0xFF480075)
YUV	34.8660, 40.4921, 32.5665
Hunter-Lab	16.3159, 35.8130, -50.4762

Details

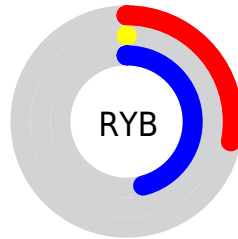
The HunterLab color **16.3159, 35.8130, -50.4762** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **36.4424, -27.3153, 21.9774**, and the grayscale version is **12.7966, -0.6828, 0.6953**.

A 20% lighter version of the original color is **32.3509, 39.5240, -49.0721**, and **7.5946, 18.5013, -37.6906** is the 20% darker color. If you saturate the color by 10%, you get **16.3161, 35.8134, -50.4754**, and if you desaturate by 10%, it is **17.5990, 33.7020, -45.2640**.

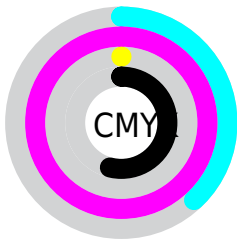
Distribution



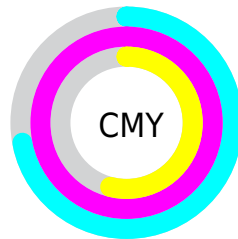
- Red (28%)
- Green (0%)
- Blue (46%)



- Red (28%)
- Yellow (0%)
- Blue (46%)



- Cyan (38%)
- Magenta (100%)
- Yellow (0%)
- Black (54%)



- Cyan (72%)
- Magenta (100%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.3159, 35.8130, -50.4762 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 16.3159, 35.8130, -50.4762 by changing the saturation by 10% instead.

16.3159, 35.8130,
-50.4762

16.3159, 35.8130,
-50.4762

111.3735, 49.9783,
-53.7510

9.7878, 34.1971,
-54.3062

32.3251, 39.6071,
-49.2260

0.0000, INF, -NF

0.0000, NaN, -NF

41.5941, 41.4132,
-49.5911

0.0000, NaN, -NF

51.6109, 43.1089,
-50.1791

0.0000, NaN, NaN

0.0000, NaN, NaN

62.3234, 44.6907,
-50.8704

0.0000, NaN, NaN

73.6889, 46.1625,
-51.6019

0.0000, NaN, NaN

85.6720, 47.5300,

0.0000, NaN, NaN

-52.3381

■ 98.2423, 48.7998,
-53.0585

■ 16.3159, 35.8130,
-50.4762

■ 16.3159, 35.8130,
-50.4762

■ 16.3161, 35.8134,
-50.4754

■ 17.5990, 33.7020,
-45.2640

■ 19.1379, 31.0408,
-39.8032

■ 21.0884, 27.4832,
-33.8411

■ 23.3991, 23.4058,
-27.8159

■ 26.0143, 19.0906,
-21.9930

■ 28.8834, 14.7110,
-16.4917

■ 31.9644, 10.3588,
-11.3394

■ 35.2237, 6.0751,
-6.5175

■ 38.6348, 1.8725,
-1.9880

Harmonies

Analogous

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



16.3161, 10.3781, -86.5146



16.3159, 35.8130, -50.4762



16.3161, 54.4851, -11.2292

Triad

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



16.3161, 35.8133, -50.4753



16.3161, 9.9532, 11.4213



16.3161, -24.6877, -11.7719

Complementary

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



16.3159, 35.8130, -50.4762



36.4424, -27.3153, 21.9774

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.



16.3161, -24.7314, 7.6632



16.3159, 35.8130, -50.4762



16.3161, -9.7138, 11.4213

Square

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



16.3161, 35.8133, -50.4753



16.3161, 35.3778, 11.4213



16.3161, -20.0507, 11.4213



16.3161, -19.9313, -51.2490

Rectangle

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



16.3159, 35.8130, -50.4762



16.3161, 56.7698, 3.8674



16.3161, -20.0507, 11.4213



16.3161, -25.2540, -2.7866

Sweetspot

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



16.3161, 35.8133, -50.4753



42.4451, 14.3105, -15.6922



18.1699, 9.6543, -43.5516



19.6904, 7.7788, -8.5946



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



16.3161, 35.8133, -50.4753



21.6515, 47.7009, -68.3499



21.9272, 42.2305, -22.1055



19.2119, 0.7258, -0.7720



17.0999, 37.5592, -53.0976



37.0745, 82.0906, -120.2231

Inverse Universe

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



19.9283, 35.0785, 5.5082



26.6204, 46.7683, 8.0538



35.7050, -30.3589, 20.9080



19.2925, 0.8124, 0.7786



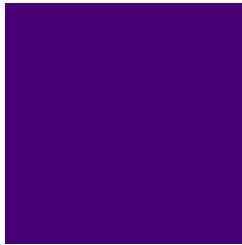
20.9109, 36.7950, 5.8817



45.9914, 80.6024, 15.4499

Previews

White Background



This preview shows how the HunterLab color 16.3159, 35.8130, -50.4762 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 16.3159, 35.8130, -50.4762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

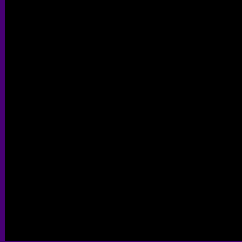
Any Text WCAG AA × Fail

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 16.3159, 35.8130, -50.4762 Background



This preview shows how black text looks on a background with the HunterLab color 16.3159, 35.8130, -50.4762.



This preview shows how white text looks on a background with the HunterLab color 16.3159, 35.8130, -50.4762.

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

16.3159, 35.8130, -50.4762

Protanopia

17.4184, 3.9217, -30.2373

Tritanopia

17.5365, 2.6598, 1.0283

Trichromacy



Original Color

16.3159, 35.8130, -50.4762

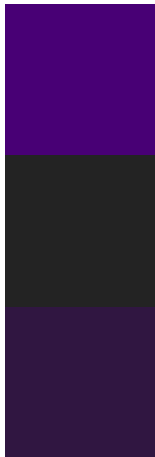
Protanomaly

14.9673, 15.7571, -44.5165

Tritanomaly

15.5881, 15.3791, -14.7668

Monochromacy



Original Color

16.3159, 35.8130, -50.4762

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

12.5851, 12.8668, -15.5803

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.3159, 35.8130, -50.4762 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(72, 0, 117)` looks like.

```
.text, #text, p{  
    color:rgb(72, 0, 117)  
}
```

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(72, 0, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 0, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 16.3159, 35.8130, -50.4762 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(72, 0, 117) }
```

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

```
.border{ border-color:rgb(72, 0, 117) }
```

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

Here you see how a box with a 4 pixel rgb(72, 0, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 0, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 0, 117);  
box-shadow:4px 4px 4px 4px rgb(72, 0, 117)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 16.3159, 35.8130, -50.4762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 0, 117) }
```

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

```
.background{ background-color: rgb(72, 0,  
117) }
```

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