

Converting Colors

HunterLab(12.7109, 50.6211,
-56.7045)

Have a look what the booklet for
HunterLab(12.7109, 50.6211,
-56.7045) contains.

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Color

**HunterLab(16.1184, 34.1890,
-40.6356)**

Conversions

Conversions Part 1

Format	Color
Hex	4C006B
RGB	76, 0, 107
RGB Percent	30%, 0%, 42%
CMY	0.7020, 1.0000, 0.5804
CMYK	0.29, 1.00, 0.00, 0.58
HSL	283°, 100%, 21%
HSV	283°, 100%, 42%
XYZ	5.6343, 2.5980, 14.1144
YIQ	34.9220, 10.9490, 49.3890

Conversions

Conversions Part 2

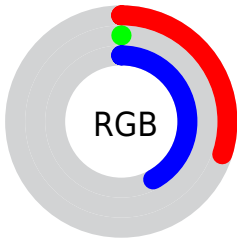
Format	Color
RYB	76, 0, 107
Decimal	4980843
CIELab	18.36, 46.87, -41.98
CIElCh	18, 62.923, 318.147
Yxy	2.5981, 0.2521, 0.1163
Android (android.graphics.Color)	4283170923 (0xFF4C006B)
YUV	34.9220, 35.5345, 36.0254
Hunter-Lab	16.1184, 34.1890, -40.6356

Details

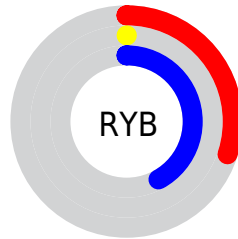
The HunterLab color **16.1184, 34.1890, -40.6356** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **32.8736, -25.9117, 19.8029**, and the grayscale version is **12.8283, -0.6845, 0.6970**.

A 20% lighter version of the original color is **32.0909, 37.7064, -40.1674**, and **7.5010, 17.0552, -27.7849** is the 20% darker color. If you saturate the color by 10%, you get **16.1186, 34.1892, -40.6351**, and if you desaturate by 10%, it is **17.2067, 32.1628, -36.7646**.

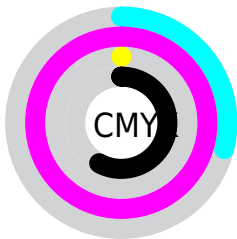
Distribution



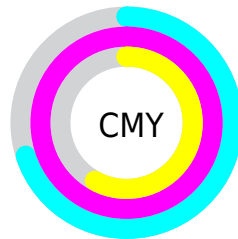
- Red (30%)
- Green (0%)
- Blue (42%)



- Red (30%)
- Yellow (0%)
- Blue (42%)



- Cyan (29%)
- Magenta (100%)
- Yellow (0%)
- Black (58%)



- Cyan (70%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.1184, 34.1890, -40.6356 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 16.1184, 34.1890, -40.6356 by changing the saturation by 10% instead.

16.1184, 34.1890,
-40.6356

16.1184, 34.1890,
-40.6356

110.9984, 47.9159,
-44.8329

9.6214, 32.5607,
-42.9371

32.0769, 37.9153,
-40.4130

0.0000, INF, -NF

0.0000, NaN, -NF

41.3241, 39.6724,
-40.9355

0.0000, NaN, -NF

51.3207, 41.3156,
-41.5794

0.0000, NaN, NaN

0.0000, NaN, NaN

62.0143, 42.8435,
-42.2647

0.0000, NaN, NaN

73.3621, 44.2609,
-42.9502


0.0000, NaN, NaN


85.3283, 45.5743,


0.0000, NaN, NaN


-43.6140


 97.8825, 46.7904,
-44.2438


 16.1184, 34.1890,
-40.6356


 16.1184, 34.1890,
-40.6356


 16.1186, 34.1892,
-40.6351

 17.2067, 32.1628,
-36.7646

 18.4813, 29.7287,
-32.7159

 20.1133, 26.4528,
-28.1470

 22.0663, 22.6448,
-23.3812

 24.2968, 18.5594,
-18.6470

■ 26.7631, 14.3689,
-14.0728

■ 29.4285, 10.1747,
-9.7128

■ 32.2627, 6.0290,
-5.5770

■ 35.2412, 1.9536,
-1.6525

Harmonies

Analogous

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



16.1187, 11.4963, -73.1445



16.1184, 34.1890, -40.6356



16.1187, 49.4083, -7.5281

Triad

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



16.1187, 34.1889, -40.6347



16.1187, 6.9424, 11.2831



16.1187, -22.9821, -13.2444

Complementary

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



16.1184, 34.1890, -40.6356



32.8736, -25.9117, 19.8029

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.



16.1187, -23.4655, 6.3106



16.1184, 34.1890, -40.6356



16.1187, -10.3445, 11.2831

Square

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



16.1187, 34.1889, -40.6347



16.1187, 29.6151, 11.2831



16.1187, -19.4881, 11.2831



16.1187, -18.1489, -48.5203

Rectangle

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



16.1184, 34.1890, -40.6356



16.1187, 50.1958, 4.9047



16.1187, -19.4881, 11.2831



16.1187, -23.6565, -4.5647

Sweetspot

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



16.1187, 34.1889, -40.6347



39.0677, 14.0896, -13.4804



14.4914, 13.7251, -47.7412



18.6516, 7.8100, -7.5345



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



16.1187, 34.1889, -40.6347



21.4206, 45.5571, -54.9450



19.4712, 36.7623, -13.9105



17.6693, 0.7632, -0.6247



17.7338, 37.6517, -44.9901



39.4527, 84.2426, -103.7965

Inverse Universe

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



17.9576, 31.3035, 7.3335



23.9890, 41.7386, 10.4106



32.5132, -27.2690, 18.2275



17.6914, 0.6456, 0.8955



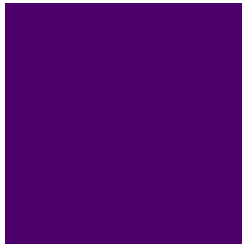
19.7942, 34.4812, 8.2716



44.5314, 77.2806, 20.8737

Previews

White Background



This preview shows how the HunterLab color 16.1184, 34.1890, -40.6356 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 16.1184, 34.1890, -40.6356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

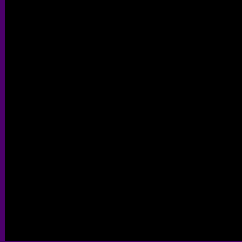
Any Text WCAG AA × Fail

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 16.1184, 34.1890, -40.6356 Background



This preview shows how black text looks on a background with the HunterLab color 16.1184, 34.1890, -40.6356.



This preview shows how white text looks on a background with the HunterLab color 16.1184, 34.1890, -40.6356.

-40.6356.

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

16.1184, 34.1890, -40.6356

Protanopia

17.1286, 4.0881, -30.2343

Deuteranopia

17.1846, -0.7777, -19.8004



Tritanopia

17.3310, 6.2172, 2.2950

Trichromacy



Original Color

16.1184, 34.1890, -40.6356

Protanomaly

14.6107, 15.2537, -41.7402

Deuteranomaly

14.4501, 11.9659, -34.3368

Tritanomaly

15.8219, 17.0004, -10.4467

Monochromacy



Original Color

16.1184, 34.1890, -40.6356

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

12.6050, 12.5596, -12.7793

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.1184, 34.1890, -40.6356 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(76, 0, 107)` looks like.

```
.text, #text, p{  
    color:rgb(76, 0, 107)  
}
```

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(76, 0, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 0, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 16.1184, 34.1890, -40.6356 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(76, 0, 107) }
```


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

```
.border{ border-color:rgb(76, 0, 107) }
```

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

Here you see how a box with a 4 pixel rgb(76, 0, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 0, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 0, 107);  
box-shadow:4px 4px 4px 4px rgb(76, 0, 107)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.1184, 34.1890, -40.6356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 0, 107) }
```

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

```
.background{ background-color: rgb(76, 0,  
107) }
```

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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