

Converting Colors

HunterLab(18.4258, 16.4069,
-58.8559)

Have a look what the booklet for
HunterLab(18.4258, 16.4069,
-58.8559) contains.

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Color

**HunterLab(18.4220, 16.4875,
-58.6176)**

Conversions

Conversions Part 1

Format	Color
Hex	002B84
RGB	0, 43, 132
RGB Percent	0%, 17%, 52%
CMY	0.9999, 0.8314, 0.4824
CMYK	1.00, 0.67, 0.00, 0.48
HSL	220°, 100%, 26%
HSV	220°, 100%, 52%
XYZ	5.0287, 3.3937, 22.2198
YIQ	40.2890, -54.1970, 18.5630

Conversions

Conversions Part 2

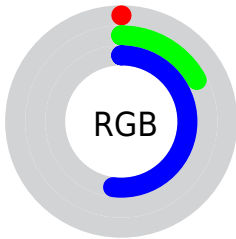
Format	Color
RYB	0, 32, 132
Decimal	11140
CIELab	21.56, 25.83, -53.00
CIElCh	22, 58.955, 295.981
Yxy	3.3938, 0.1641, 0.1108
Android (android.graphics.Color)	4278201220 (0xFF002B84)
YUV	40.2890, 45.2135, -35.3335
Hunter-Lab	18.4220, 16.4875, -58.6176

Details

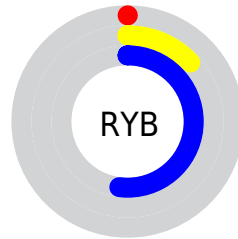
The HunterLab color **18.4220, 16.4875, -58.6176** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **34.7182, 6.5432, 21.5069**, and the grayscale version is **14.5328, -0.7754, 0.7896**.

A 20% lighter version of the original color is **34.9715, 18.7354, -56.8804**, and **7.7077, 20.9070, -54.7662** is the 20% darker color. If you saturate the color by 10%, you get **18.4195, 16.4943, -58.6291**, and if you desaturate by 10%, it is **20.4946, 12.5393, -50.3047**.

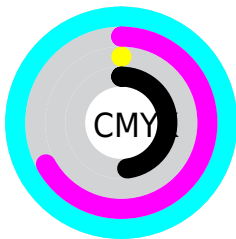
Distribution



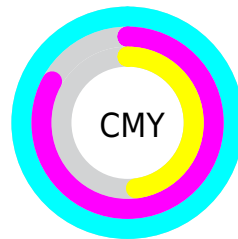
- Red (0%)
- Green (17%)
- Blue (52%)



- Red (0%)
- Yellow (13%)
- Blue (52%)



- Cyan (100%)
- Magenta (67%)
- Yellow (0%)
- Black (48%)



- Cyan (100%)
- Magenta (83%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.4220, 16.4875, -58.6176 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 18.4220, 16.4875, -58.6176 by changing the saturation by 10% instead.

■ 18.4220, 16.4875,
-58.6176

■ 18.4220, 16.4875,
-58.6176

■ 115.3100, 22.7253,
-61.5479

■ 11.5784, 15.1835,
-62.6571

■ 34.9506, 18.6469,
-56.9887

■ 4.1511, 26.8892,
-109.3217

■ 44.4441, 19.5215,
-57.2665

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 54.6689, 20.2805,
-57.8146

0.0000, NaN, -NF

■ 65.5761, 20.9370,
-58.5002

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 77.1254, 21.5016,
-59.2507

0.0000, NaN, NaN

■ 89.2828, 21.9832,

-60.0239

0.0000, NaN, NaN

102.0194, 22.3890,
-60.7949

18.4220, 16.4875,
-58.6176

18.4220, 16.4875,
-58.6176

18.4195, 16.4943,
-58.6291

20.4946, 12.5393,
-50.3047

22.8199, 9.0303,
-42.4982

25.4022, 6.1178,
-35.1923

28.2010, 3.7599,
-28.4521

31.1824, 1.8856,
-22.2598

■ 34.3188, 0.4200,
-16.5594

■ 37.5885, -0.7050,
-11.2837

■ 40.9741, -1.5471,
-6.3671

■ 44.4618, -2.1537,
-1.7508

Harmonies

Analogous

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



18.4222, -3.3165, -69.7402



18.4220, 16.4875, -58.6176



18.4222, 36.7225, -27.9993

Triad

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



18.4222, 16.4888, -58.6172



18.4222, 22.2772, 12.8955



18.4222, -24.1714, 3.1371

Complementary

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



18.4220, 16.4875, -58.6176



34.7182, 6.5432, 21.5069

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.



18.4222, -21.6034, 11.9542



18.4220, 16.4875, -58.6176



18.4222, 1.4708, 12.8955

Square

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



18.4222, 16.4888, -58.6172



18.4222, 40.8585, 10.3440



18.4222, -13.6835, 12.8955



18.4222, -22.7277, -19.6579

Rectangle

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



18.4220, 16.4875, -58.6176



18.4222, 45.2315, -8.7291



18.4222, -13.6835, 12.8955



18.4222, -23.7869, 7.2637

Sweetspot

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



18.4222, 16.4888, -58.6172



49.5862, -0.8464, -15.4383



41.4818, -29.5053, 11.8464



23.1630, -0.1664, -8.6461



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



18.4222, 16.4888, -58.6172



23.9333, 23.2505, -80.1056



13.5539, 35.4950, -86.5191



21.8495, -1.0719, -0.6678



18.1495, 16.1654, -57.5817



1.5367, -0.0195, -1.8786

Inverse Universe

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



22.5397, 39.3692, 8.5663



29.8715, 52.1000, 11.9844



44.5173, -19.0342, 27.0974



21.7069, 0.9127, 1.0106



22.1799, 38.7488, 8.4014



1.3518, 2.4497, -0.1700

Previews

White Background



This preview shows how the HunterLab color 18.4220, 16.4875, -58.6176 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 18.4220, 16.4875, -58.6176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

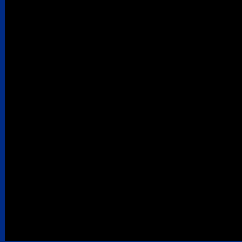
Any Text WCAG AA × Fail

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 18.4220, 16.4875, -58.6176 Background



This preview shows how black text looks on a background with the HunterLab color 18.4220, 16.4875, -58.6176.



This preview shows how white text looks on a background with the HunterLab color 18.4220, 16.4875, -58.6176.

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

18.4220, 16.4875, -58.6176

Protanopia

18.5181, 4.5856, -33.0449

Deuteranopia

18.4219, -1.1591, -20.5235



Tritanopia

18.3682, -8.9910, -3.5497

Trichromacy



Original Color

18.4220, 16.4875, -58.6176

Protanomaly

18.3708, 8.7512, -41.8532

Deuteranomaly

18.2258, 4.7543, -33.0439

Tritanomaly

17.9842, -1.7618, -18.6755

Monochromacy



Original Color

18.4220, 16.4875, -58.6176

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

15.0784, 1.9821, -15.4594

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.4220, 16.4875, -58.6176 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(0, 43, 132)` looks like.

```
.text, #text, p{  
    color:rgb(0, 43, 132)  
}
```

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(0, 43, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 43, 132) }
```

Border

The CSS property to change the border of an element to HunterLab 18.4220, 16.4875, -58.6176 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(0, 43, 132) }
```


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

```
.border{ border-color:rgb(0, 43, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 43, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 43, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 43, 132);  
box-shadow:4px 4px 4px 4px rgb(0, 43, 132)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.4220, 16.4875, -58.6176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 43, 132) }
```

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

```
.background{ background-color: rgb(0, 43,  
132) }
```

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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