

Converting Colors

HunterLab(18.6438, 8.7416,
-42.1738)

Have a look what the booklet for
HunterLab(18.6438, 8.7416,
-42.1738) contains.

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Color

**HunterLab(18.6574, 8.5768,
-41.8349)**

Conversions

Conversions Part 1

Format	Color
Hex	003175
RGB	0, 49, 117
RGB Percent	0%, 19%, 46%
CMY	0.9999, 0.8078, 0.5412
CMYK	1.00, 0.58, 0.00, 0.54
HSL	215°, 100%, 23%
HSV	215°, 100%, 46%
XYZ	4.3092, 3.4810, 17.2744
YIQ	42.1010, -51.0320, 10.7600

Conversions

Conversions Part 2

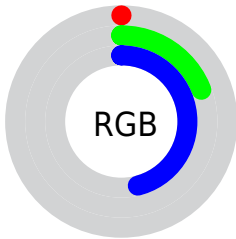
Format	Color
RYB	0, 35, 117
Decimal	12661
CIELab	21.88, 15.03, -42.97
CIELCh	22, 45.522, 289.283
Yxy	3.4811, 0.1719, 0.1389
Android (android.graphics.Color)	4278202741 (0xFF003175)
YUV	42.1010, 36.9252, -36.9226
Hunter-Lab	18.6574, 8.5768, -41.8349

Details

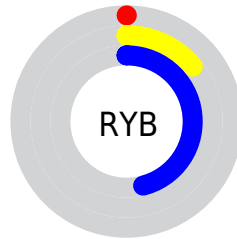
The HunterLab color **18.6574, 8.5768, -41.8349** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **28.1388, 10.4132, 17.5205**, and the grayscale version is **15.1459, -0.8081, 0.8229**.

A 20% lighter version of the original color is **35.1618, 9.9568, -42.2858**, and **6.7880, 16.1291, -43.3025** is the 20% darker color. If you saturate the color by 10%, you get **18.6556, 8.5809, -41.8415**, and if you desaturate by 10%, it is **20.4195, 5.9032, -36.1811**.

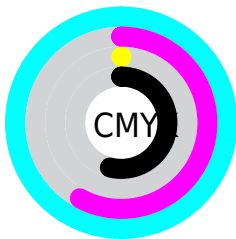
Distribution



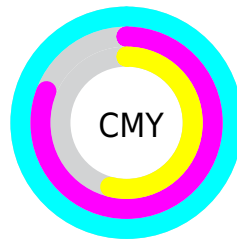
- Red (0%)
- Green (19%)
- Blue (46%)



- Red (0%)
- Yellow (14%)
- Blue (46%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (81%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.6574, 8.5768, -41.8349 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 18.6574, 8.5768, -41.8349 by changing the saturation by 10% instead.

■ 18.6574, 8.5768,
-41.8349

■ 18.6574, 8.5768,
-41.8349

■ 115.7433, 10.3273,
-46.4525

■ 11.7803, 7.8502,
-43.4245

■ 35.2419, 9.5913,
-41.9430

■ 4.5570, 14.1313,
-67.9526

■ 44.7596, 9.9269,
-42.5073

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 55.0069, 10.1704,
-43.1710

0.0000, NaN, NaN

■ 65.9352, 10.3331,
-43.8665

0.0000, NaN, NaN

■ 77.5044, 10.4239,
-44.5581

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.6808, 10.4496,

-45.2261

0.0000, NaN, NaN

102.4354, 10.4158,
-45.8596

18.6574, 8.5768,
-41.8349

18.6574, 8.5768,
-41.8349

18.6556, 8.5809,
-41.8415

20.4195, 5.9032,
-36.1811

22.3215, 3.5549,
-30.8862

24.3918, 1.6680,
-25.8492

26.6106, 0.2061,
-21.0967

28.9595, -0.8793,
-16.6268

■ 31.4228, -1.6383,
-12.4212

■ 33.9869, -2.1171,
-8.4539

■ 36.6406, -2.3566,
-4.6966

■ 39.3744, -2.3912,
-1.1218

Harmonies

Analogous

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



18.6576, -5.6695, -44.5550



18.6574, 8.5768, -41.8349



18.6576, 23.6131, -24.0194

Triad

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



18.6576, 8.5777, -41.8344



18.6576, 19.6083, 12.3463



18.6576, -20.5366, 5.1186

Complementary

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



18.6574, 8.5768, -41.8349



28.1388, 10.4132, 17.5205

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.



18.6576, -17.1233, 11.2780



18.6574, 8.5768, -41.8349



18.6576, 4.1870, 13.0603

Square

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



18.6576, 8.5777, -41.8344



18.6576, 31.1518, 7.5659



18.6576, -8.9603, 13.0603



18.6576, -19.9889, -9.3644

Rectangle

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



18.6574, 8.5768, -41.8349



18.6576, 30.7909, -10.2727



18.6576, -8.9603, 13.0603



18.6576, -19.8655, 7.9094

Sweetspot

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



18.6576, 8.5777, -41.8344



45.2057, -2.7949, -11.7199



36.2211, -27.1464, 13.3294



21.1288, -1.2530, -6.4460



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.



18.6576, 8.5777, -41.8344



24.4421, 12.6333, -57.8221



11.5546, 30.8961, -78.6976



19.5411, -1.1758, -0.3898



19.5061, 9.1722, -44.1811



41.1413, 24.5596, -104.4401

Inverse Universe

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



20.0100, 35.3719, 4.3396



26.7268, 47.1582, 6.5125



39.9833, -13.3053, 24.4040



19.2975, 0.8392, 0.7075



20.9954, 37.1044, 4.6596



46.1715, 81.2631, 12.8354

Previews

White Background



This preview shows how the HunterLab color 18.6574, 8.5768, -41.8349 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 18.6574, 8.5768, -41.8349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

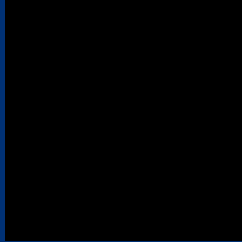
Any Text WCAG AA × Fail

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 18.6574, 8.5768, -41.8349 Background



This preview shows how black text looks on a background with the HunterLab color 18.6574, 8.5768, -41.8349.



This preview shows how white text looks on a background with the HunterLab color 18.6574, 8.5768,

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

18.6574, 8.5768, -41.8349

Protanopia

18.6327, 5.1774, -34.4657

Deuteranopia

18.7688, -1.0618, -21.1673



Tritanopia

18.6730, -9.1508, -3.5856

Trichromacy



Original Color

18.6574, 8.5768, -41.8349

Protanomaly

18.5770, 6.5516, -37.3627

Deuteranomaly

18.7230, 2.2366, -28.2303

Tritanomaly

18.3219, -3.5420, -15.2545

Monochromacy



Original Color

18.6574, 8.5768, -41.8349

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.9357, -0.2812, -11.1332

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.6574, 8.5768, -41.8349 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, 49, 117)` looks like.

```
.text, #text, p{  
    color:rgb(0, 49, 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(0, 49, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 49, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 18.6574, 8.5768, -41.8349 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, 49, 117) }
```


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

```
.border{ border-color:rgb(0, 49, 117) }
```

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

Here you see how a box with a 4 pixel rgb(0, 49, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 49, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 49, 117);  
box-shadow:4px 4px 4px 4px rgb(0, 49, 117)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.6574, 8.5768, -41.8349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 49, 117) }
```

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

```
.background{ background-color: rgb(0, 49,  
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](#).

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