

Converting Colors

HunterLab(41.4938, -3.9469,
-18.5494)

Have a look what the booklet for
HunterLab(41.4938, -3.9469,
-18.5494) contains.

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Color

**HunterLab(41.4276, -3.7219,
-18.9189)**

Conversions

Conversions Part 1	
Format	Color
Hex	53769B
RGB	83, 118, 155
RGB Percent	33%, 46%, 61%
CMY	0.6745, 0.5372, 0.3922
CMYK	0.46, 0.24, 0.00, 0.39
HSL	211°, 30%, 47%
HSV	211°, 46%, 61%
XYZ	15.9621, 17.1625, 33.4818
YIQ	111.7530, -32.7370, 4.0870

Conversions

Conversions Part 2

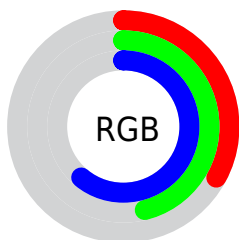
Format	Color
RYB	83, 107, 155
Decimal	5469851
CIELab	48.46, -2.00, -23.85
CIELCh	48, 23.932, 265.198
Yxy	17.1631, 0.2397, 0.2577
Android (android.graphics.Color)	4283659931 (0xFF53769B)
YUV	111.7530, 21.3208, -25.2164
Hunter-Lab	41.4276, -3.7219, -18.9189

Details

The HunterLab color **41.4276, -3.7219, -18.9189** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **45.8548, 4.5994, 17.7539**, and the grayscale version is **40.0890, -2.1390, 2.1781**.

A 20% lighter version of the original color is **62.1585, -4.9345, -19.9435**, and **23.7508, -2.5166, -18.1027** is the 20% darker color. If you saturate the color by 10%, you get **38.3895, -2.8029, -24.2876**, and if you desaturate by 10%, it is **44.6147, -4.2001, -13.7934**.

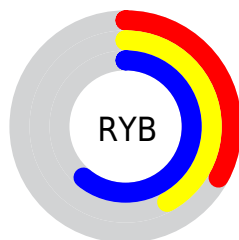
Distribution



Red (33%)

Green (46%)

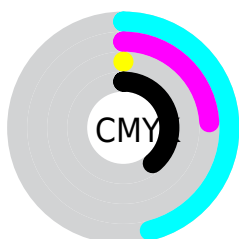
Blue (61%)



Red (33%)

Yellow (42%)

Blue (61%)

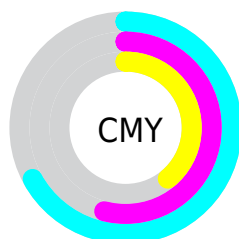


Cyan (46%)

Magenta (24%)

Yellow (0%)

Black (39%)



Cyan (67%)

Magenta (54%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.4276, -3.7219, -18.9189 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 41.4276, -3.7219, -18.9189 by changing the saturation by 10% instead.

■ 41.4276, -3.7219,
-18.9189

■ 41.4276, -3.7219,
-18.9189

153.6589,
-10.5532, -20.7414

■ 32.1727, -3.1039,
-18.4312

■ 62.1337, -5.0492,
-19.7265

■ 23.7322, -2.5170,
-17.9143

■ 73.4884, -5.7563,
-20.0395

■ 16.1949, -1.9616,
-17.4334

■ 85.4611, -6.4912,
-20.2925

■ 9.6856, -1.4362,
-17.2039

■ 98.0215, -7.2530,
-20.4877

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 111.1433, -8.0408,
-20.6276

0.0000, NaN, NaN

124.8034, -8.8539,

0.0000, NaN, NaN

-20.7149

0.0000, NaN, NaN

138.9813, -9.6916,
-20.7521

■ 41.4276, -3.7219,
-18.9189

■ 41.4276, -3.7219,
-18.9189

■ 38.3895, -2.8029,
-24.2876

■ 44.6147, -4.2001,
-13.7934

■ 35.5155, -1.3822,
-29.9093

■ 47.9331, -4.2944,
-8.8972

■ 32.8254, 0.5985,
-35.7750

■ 51.3702, -4.0559,
-4.2087

■ 30.3383, 3.1840,
-41.8540

■ 54.9143, -3.5293,
0.2944

■ 28.0640, 6.3656,
-48.1113

■ 58.5555, -2.7526,
4.6337

■ 27.2875, 7.5629,
-50.4331

■ 62.2854, -1.7580,
8.8298

■ 66.0966, -0.5728,
12.9011

■ 69.9827, 0.7801,
16.8641

■ 73.9382, 2.2813,
20.7333

Harmonies

Analogous

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



41.4284, -12.0767, -14.5866



41.4276, -3.7219, -18.9189



41.4284, 5.8062, -16.6201

Triad

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



41.4284, -3.7220, -18.9181



41.4284, 15.5338, 8.9566



41.4284, -16.0953, 10.9530

Complementary

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



41.4276, -3.7219, -18.9189



45.8548, 4.5994, 17.7539

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.



41.4284, -9.6646, 15.0392



41.4276, -3.7219, -18.9189



41.4284, 8.6702, 14.0805

Square

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



41.4284, -3.7220, -18.9181



41.4284, 17.4819, 0.7827



41.4284, -0.6815, 16.0407



41.4284, -18.8010, 3.6753

Rectangle

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



41.4276, -3.7219, -18.9189



41.4284, 11.4767, -11.8589



41.4284, -0.6815, 16.0407



41.4284, -14.3272, 12.6750

Sweetspot

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



41.4284, -3.7220, -18.9181



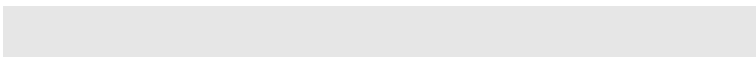
69.7660, -5.3053, -4.3004



51.5888, -25.8580, 11.2773



32.7400, -2.5785, -2.6350



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



41.4284, -3.7220, -18.9181



51.1202, -3.6499, -32.9757



32.2378, 13.2255, -36.9370



25.4895, -1.7497, -0.4413



24.6100, 6.4709, -44.7292



4.0369, -0.9485, -2.9981

Inverse Universe

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



38.0312, 26.7590, -2.8182



46.4352, 44.6125, -4.0289



55.7102, -11.6211, 25.4147



25.0404, 1.2857, 0.7043



24.5290, 43.7169, 2.5924



3.1187, 5.7763, -1.3608

Previews

White Background



This preview shows how the HunterLab color 41.4276, -3.7219, -18.9189 looks on a white background.

Color Contrast Check

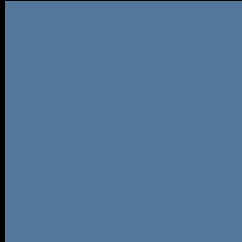
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 41.4276, -3.7219, -18.9189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

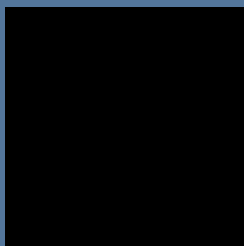
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

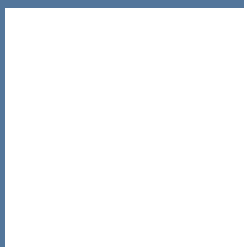
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 41.4276, -3.7219, -18.9189 Background



This preview shows how black text looks on a background with the HunterLab color 41.4276, -3.7219, -18.9189.

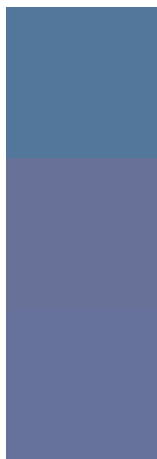


This preview shows how white text looks on a background with the HunterLab color 41.4276, -3.7219, -18.9189.

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

41.4276, -3.7219, -18.9189

Protanopia

41.2161, 2.3619, -16.6786

Deuteranopia

41.2739, 2.9584, -19.6970



Tritanopia

41.3781, -11.5651, -5.9850

Trichromacy



Original Color
41.4276, -3.7219, -18.9189

Protanomaly
41.2496, -0.2576, -17.2843

Deuteranomaly
41.3457, 0.3943, -19.6192

Tritanomaly
41.5096, -9.0182, -10.0184

Monochromacy



Original Color
41.4276, -3.7219, -18.9189

Achromatopsia
40.2529, -2.1478, 2.1870

Achromatomaly
40.4473, -3.3480, -5.0710

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.4276, -3.7219, -18.9189 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(83, 118, 155)` looks like.

```
.text, #text, p{  
    color:rgb(83, 118, 155)  
}
```

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(83, 118, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 118, 155) }
```

Border

The CSS property to change the border of an element to HunterLab 41.4276, -3.7219, -18.9189 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(83, 118, 155) }
```


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

```
.border{ border-color:rgb(83, 118, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 118, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 118, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 118, 155);  
box-shadow:4px 4px 4px 4px rgb(83, 118,  
155) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.4276, -3.7219, -18.9189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 118, 155) }
```

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

```
.background{ background-color: rgb(83, 118,  
155) }
```

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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