

Converting Colors

HunterLab(46.8479, 2.9842,
-26.5450)

Have a look what the booklet for
HunterLab(46.8479, 2.9842,
-26.5450) contains.

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Color

**HunterLab(46.9316, 2.9380,
-26.2573)**

Conversions

Conversions Part 1

Format	Color
Hex	6D80B5
RGB	109, 128, 181
RGB Percent	43%, 50%, 71%
CMY	0.5725, 0.4980, 0.2902
CMYK	0.40, 0.29, 0.00, 0.29
HSL	224°, 33%, 57%
HSV	224°, 40%, 71%
XYZ	22.3663, 22.0258, 46.7887
YIQ	128.3610, -28.3370, 12.4550

Conversions

Conversions Part 2

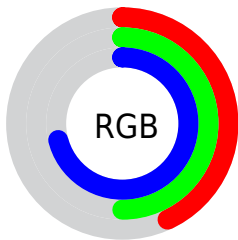
Format	Color
R _Y B	109, 124, 181
Decimal	7176373
CIE Lab	54.06, 6.73, -30.14
CIE LCh	54, 30.882, 282.590
Yxy	22.0266, 0.2453, 0.2416
Android (android.graphics.Color)	4285366453 (0xFF6D80B5)
YUV	128.3610, 25.9510, -16.9796
Hunter-Lab	46.9316, 2.9380, -26.2573

Details

The HunterLab color $46.9316, 2.9380, -26.2573$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $60.6377, -3.8591, 23.1498$, and the grayscale version is $46.5128, -2.4818, 2.5271$.

A 20% lighter version of the original color is $68.5191, 2.3083, -27.0674$, and $28.3202, 3.2557, -25.2471$ is the 20% darker color. If you saturate the color by 10%, you get $42.1233, 5.6941, -35.4766$, and if you desaturate by 10%, it is $51.9637, 0.7166, -17.8478$.

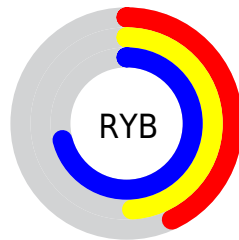
Distribution



Red (43%)

Green (50%)

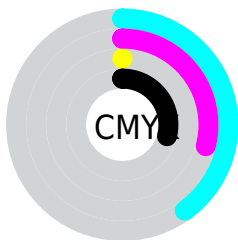
Blue (71%)



Red (43%)

Yellow (49%)

Blue (71%)

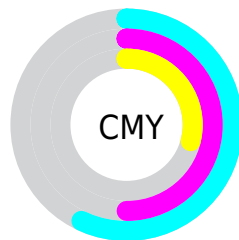


Cyan (40%)

Magenta (29%)

Yellow (0%)

Black (29%)



Cyan (57%)

Magenta (50%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.9316, 2.9380, -26.2573 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 46.9316, 2.9380, -26.2573 by changing the saturation by 10% instead.

■ 46.9316, 2.9380,
-26.2573

■ 46.9316, 2.9380,
-26.2573

162.0756, -0.5291,
-29.3407

■ 37.2511, 3.0699,
-25.6775

■ 68.4032, 2.4891,
-27.3065

■ 28.3457, 3.1290,
-25.1035

■ 80.1074, 2.1849,
-27.7563

■ 20.2909, 3.1017,
-24.6189

■ 92.4121, 1.8335,
-28.1518

■ 13.1884, 2.9677,
-24.4535

■ 105.2894, 1.4382,
-28.4930

■ 6.7003, 4.0197,
-27.9549

118.7147, 1.0021,
-28.7808

0.0000, NaN, -NF

0.0000, NaN, -NF

132.6667, 0.5275,

-29.0168

0.0000, NaN, NaN

147.1260, 0.0164,
-29.2028

0.0000, NaN, NaN

■ 46.9316, 2.9380,
-26.2573

■ 46.9316, 2.9380,
-26.2573

■ 42.1233, 5.6941,
-35.4766

■ 51.9637, 0.7166,
-17.8478

■ 37.5785, 9.1058,
-45.6592

■ 57.1846, -1.0704,
-10.1080

■ 33.3536, 13.3026,
-56.9260

■ 62.5702, -2.5044,
-2.9131

■ 29.5208, 18.3920,
-69.2882

■ 68.1011, -3.6498,
3.8393

■ 26.1693, 24.3835,
-82.4932

■ 73.7617, -4.5572,
10.2323

■ 23.3616, 30.9786,
-96.0116

■ 79.5395, -5.2668,
16.3327

■ 23.3042, 31.1248,
-96.3178

■ 85.4243, -5.8103,
22.1943

■ 91.4076, -6.2130,
27.8602

■ 95.7493, -12.6015,
31.7095

Harmonies

Analogous

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



46.9325, -9.5951, -25.4698



46.9316, 2.9380, -26.2573



46.9325, 15.1967, -17.9773

Triad

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



46.9325, 2.9378, -26.2562



46.9325, 16.8672, 15.7175



46.9325, -23.6166, 8.9898

Complementary

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



46.9316, 2.9380, -26.2573



60.6377, -3.8591, 23.1498

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.



46.9325, -17.9216, 16.6455



46.9316, 2.9380, -26.2573



46.9325, 5.0290, 19.7595

Square

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



46.9325, 2.9378, -26.2562



46.9325, 23.7947, 7.3430



46.9325, -7.7138, 20.0466



46.9325, -24.0486, -2.7983

Rectangle

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



46.9316, 2.9380, -26.2573



46.9325, 21.2090, -9.4525



46.9325, -7.7138, 20.0466



46.9325, -22.2845, 12.0433

Sweetspot

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



46.9325, 2.9378, -26.2562



81.9707, -2.9250, -6.1723



62.3707, -25.1942, 5.5854



37.6794, -1.2512, -3.4318



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



46.9325, 2.9378, -26.2562



56.9857, 7.2245, -46.2197



43.2375, 16.7463, -33.0110



29.2964, -1.1955, -1.2075



19.6032, 25.0745, -78.6310



4.6738, 1.5197, -9.1225

Inverse Universe

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



47.2444, 24.7055, 3.9144



58.1108, 41.8509, 6.3597



64.8585, -18.1791, 26.4206



29.2248, 1.2947, 1.5593



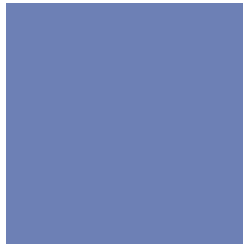
26.3212, 45.6677, 12.4209



4.7732, 8.4831, 0.6895

Previews

White Background



This preview shows how the HunterLab color 46.9316, 2.9380, -26.2573 looks on a white background.

Color Contrast Check

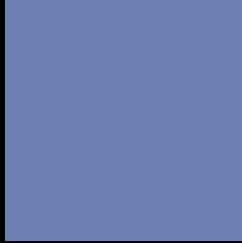
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 46.9316, 2.9380, -26.2573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

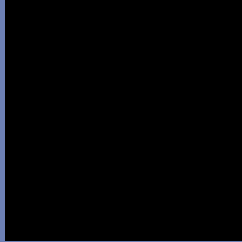
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

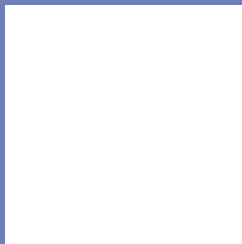
Any Text WCAG AAA × Fail

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

HunterLab 46.9316, 2.9380, -26.2573 Background



This preview shows how black text looks on a background with the HunterLab color 46.9316, 2.9380, -26.2573.

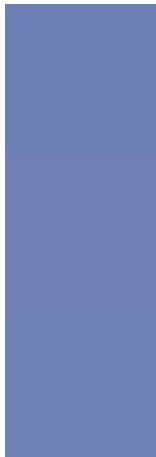


This preview shows how white text looks on a background with the HunterLab color 46.9316, 2.9380,

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

46.9316, 2.9380, -26.2573

Protanopia

46.8879, 4.1266, -25.6370

Deuteranopia

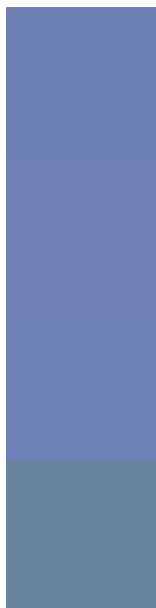
47.0681, 3.3963, -26.0050



Tritanopia

47.0240, -9.7601, -5.4825

Trichromacy



Original Color

46.9316, 2.9380, -26.2573

Protanomaly

46.8175, 3.8915, -25.7666

Deuteranomaly

46.9995, 3.1662, -26.1316

Tritanomaly

46.7860, -5.1784, -12.8286

Monochromacy



Original Color

46.9316, 2.9380, -26.2573

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

46.4864, -1.2109, -6.5830

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.9316, 2.9380, -26.2573 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(109, 128, 181)` looks like.

```
.text, #text, p{  
    color:rgb(109, 128, 181)  
}
```

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(109, 128, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 128, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 46.9316, 2.9380, -26.2573 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(109, 128, 181) }
```


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

```
.border{ border-color:rgb(109, 128, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 128, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 128, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 128, 181);  
box-shadow:4px 4px 4px 4px rgb(109, 128,  
181) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.9316, 2.9380, -26.2573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 128, 181) }
```

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

```
.background{ background-color: rgb(109,  
128, 181) }
```

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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