

Converting Colors

HunterLab(40.4349, 3.1484,
-33.7465)

Have a look what the booklet for
HunterLab(40.4349, 3.1484,
-33.7465) contains.

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Color

**HunterLab(40.4349, 3.1484,
-33.7465)**

Conversions

Conversions Part 1

Format	Color
Hex	5070AE
RGB	80, 112, 174
RGB Percent	31%, 44%, 68%
CMY	0.6863, 0.5608, 0.3176
CMYK	0.54, 0.36, 0.00, 0.32
HSL	220°, 37%, 50%
HSV	220°, 54%, 68%
XYZ	16.7424, 16.3498, 42.3178
YIQ	109.5000, -38.9740, 12.4980

Conversions

Conversions Part 2

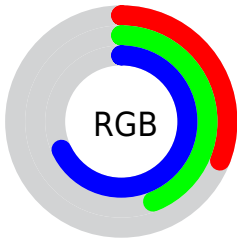
Format	Color
R _Y B	80, 104, 174
Decimal	5271726
CIE Lab	47.43, 6.88, -36.59
CIE LCh	47, 37.232, 280.645
Yxy	16.3504, 0.2220, 0.2168
Android (android.graphics.Color)	4283461806 (0xFF5070AE)
YUV	109.5000, 31.7985, -25.8715
Hunter-Lab	40.4349, 3.1484, -33.7465

Details

The HunterLab color $[40.4349, 3.1484, -33.7465]$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $[53.7820, 0.7284, 24.7853]$, and the grayscale version is $[39.1906, -2.0911, 2.1293]$.

A 20% lighter version of the original color is $[60.8757, 3.0494, -35.3482]$, and $[22.9788, 3.0757, -32.4605]$ is the 20% darker color. If you saturate the color by 10%, you get $[36.4899, 5.9601, -42.4768]$, and if you desaturate by 10%, it is $[44.6146, 0.9649, -25.7087]$.

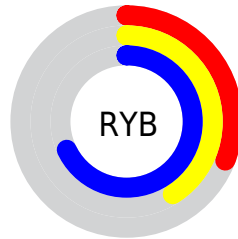
Distribution



Red (31%)

Green (44%)

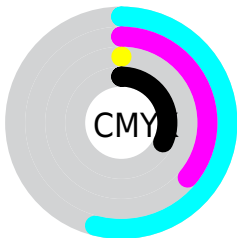
Blue (68%)



Red (31%)

Yellow (41%)

Blue (68%)

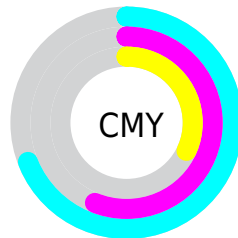


Cyan (54%)

Magenta (36%)

Yellow (0%)

Black (32%)



Cyan (69%)

Magenta (56%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4349, 3.1484, -33.7465 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 40.4349, 3.1484, -33.7465 by changing the saturation by 10% instead.

40.4349, 3.1484,
-33.7465

40.4349, 3.1484,
-33.7465

152.1185, 0.0108,
-38.3677

31.2609, 3.2250,
-33.1632

60.9962, 2.7937,
-35.0223

22.9092, 3.2195,
-32.7547

72.2851, 2.5302,
-35.6359

15.4716, 3.1143,
-32.8112

84.1954, 2.2163,
-36.2107

9.0700, 2.9118,
-34.2524

96.6963, 1.8562,
-36.7400

0.0000, NaN, -NF

0.0000, NaN, -NF

109.7612, 1.4530,
-37.2209

0.0000, NaN, NaN

123.3666, 1.0095,

0.0000, NaN, NaN

-37.6523

0.0000, NaN, NaN

137.4918, 0.5281,
-38.0343

■ 40.4349, 3.1484,
-33.7465

■ 40.4349, 3.1484,
-33.7465

■ 36.4899, 5.9601,
-42.4768

■ 44.6146, 0.9649,
-25.7087

■ 32.8196, 9.5046,
-51.9528

■ 48.9930, -0.6927,
-18.2839

■ 29.4756, 13.8668,
-62.1441

■ 53.5438, -1.9128,
-11.3823

■ 26.5152, 19.0601,
-72.8707

■ 58.2455, -2.7695,
-4.9207

■ 24.9154, 22.4231,
-79.5471

■ 63.0808, -3.3230,
1.1737

■ 68.0357, -3.6220,
6.9627

■ 73.0987, -3.7059,
12.4981

■ 78.2603, -3.6065,
17.8226

■ 83.5125, -3.3496,
22.9715

Harmonies

Analogous

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



40.4356, -11.0355, -31.8975



40.4349, 3.1484, -33.7465



40.4356, 17.7629, -23.7037

Triad

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



40.4356, 3.1486, -33.7455



40.4356, 21.3787, 16.0006



40.4356, -25.3503, 10.0776

Complementary

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



40.4349, 3.1484, -33.7465



53.7820, 0.7284, 24.7853

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.



40.4356, -18.8438, 17.6546



40.4349, 3.1484, -33.7465



40.4356, 7.5545, 20.1405

Square

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



40.4356, 3.1486, -33.7455



40.4356, 29.2352, 6.8225



40.4356, -7.2076, 20.6139



40.4356, -26.1820, -3.0399

Rectangle

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



40.4349, 3.1484, -33.7465



40.4356, 25.2821, -13.1713



40.4356, -7.2076, 20.6139



40.4356, -23.8028, 13.2109

Sweetspot

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



40.4356, 3.1486, -33.7455



76.9962, -3.5073, -8.5499



58.2273, -30.5921, 9.6440



35.6957, -1.5516, -4.8471



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



40.4356, 3.1486, -33.7455



48.0584, 8.9568, -59.8424



33.4353, 22.2933, -50.0175



28.6117, -1.4493, -0.9470



21.4545, 18.4855, -66.7212



4.8089, 0.4540, -6.9907

Inverse Universe

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



39.8831, 34.2592, 2.3865



48.5588, 56.5307, 5.2758



61.8991, -18.7499, 30.5434



28.3878, 1.3387, 1.2649



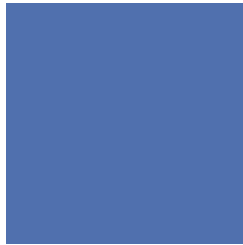
26.0148, 45.4772, 9.6317



4.4575, 8.0176, -0.0970

Previews

White Background



This preview shows how the HunterLab color 40.4349, 3.1484, -33.7465 looks on a white background.

Color Contrast Check

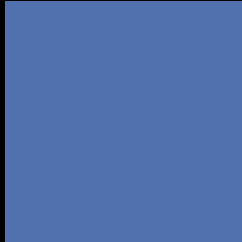
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.4349, 3.1484, -33.7465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

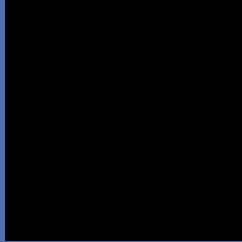
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

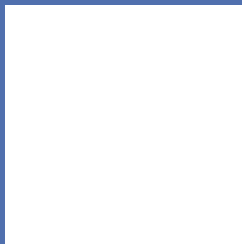
Any Text WCAG AAA × Fail

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

HunterLab 40.4349, 3.1484, -33.7465 Background



This preview shows how black text looks on a background with the HunterLab color 40.4349, 3.1484, -33.7465.

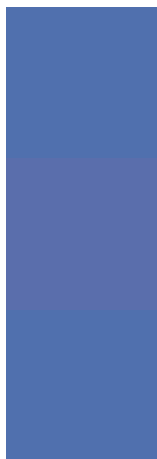


This preview shows how white text looks on a background with the HunterLab color 40.4349, 3.1484, -33.7465.

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

40.4349, 3.1484, -33.7465

Protanopia

40.3783, 5.5452, -32.3318

Deuteranopia

40.4349, 3.1484, -33.7465



Tritanopia

40.5011, -13.3688, -6.7116

Trichromacy



Original Color

40.4349, 3.1484, -33.7465

Protanomaly

40.4530, 4.5072, -32.9389

Deuteranomaly

40.4349, 3.1484, -33.7465

Tritanomaly

40.4543, -7.8274, -15.6654

Monochromacy



Original Color

40.4349, 3.1484, -33.7465

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

39.6421, -1.5453, -8.7883

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4349, 3.1484, -33.7465 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(80, 112, 174)` looks like.

```
.text, #text, p{  
    color:rgb(80, 112, 174)  
}
```

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(80, 112, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 112, 174) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4349, 3.1484, -33.7465 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(80, 112, 174) }
```


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

```
.border{ border-color:rgb(80, 112, 174) }
```

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

Here you see how a box with a 4 pixel rgb(80, 112, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 112, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 112, 174);  
box-shadow:4px 4px 4px 4px rgb(80, 112,  
174) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4349, 3.1484, -33.7465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 112, 174) }
```

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

```
.background{ background-color: rgb(80, 112,  
174) }
```

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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