

Converting Colors

HunterLab(35.1445, 17.3888,
-67.1450)

Have a look what the booklet for
HunterLab(35.1445, 17.3888,
-67.1450) contains.

HunterLab(35.2320, 17.1980, -66.8826)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(35.2320, 17.1980,
-66.8826)**

Conversions

Conversions Part 1	
Format	Color
Hex	3A5BC5
RGB	58, 91, 197
RGB Percent	23%, 36%, 77%
CMY	0.7725, 0.6431, 0.2274
CMYK	0.71, 0.54, 0.00, 0.23
HSL	226°, 55%, 50%
HSV	226°, 71%, 77%
XYZ	15.5641, 12.4129, 54.3989
YIQ	93.2170, -53.6940, 25.9700

Conversions

Conversions Part 2

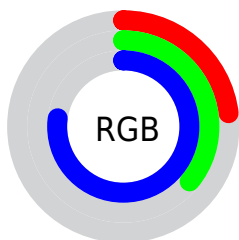
Format	Color
RYB	58, 85, 197
Decimal	3824581
CIELab	41.87, 24.13, -58.93
CIELCh	42, 63.680, 292.267
Yxy	12.4133, 0.1889, 0.1507
Android (android.graphics.Color)	4282014661 (0xFF3A5BC5)
YUV	93.2170, 51.1650, -30.8853
Hunter-Lab	35.2320, 17.1980, -66.8826

Details

The HunterLab color **35.2320, 17.1980, -66.8826** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **62.2335, -2.5917, 34.4879**, and the grayscale version is **32.9971, -1.7606, 1.7928**.

A 20% lighter version of the original color is **55.0846, 18.4454, -66.6587**, and **19.7661, 18.3241, -64.2623** is the 20% darker color. If you saturate the color by 10%, you get **31.0078, 23.2877, -81.4895**, and if you desaturate by 10%, it is **39.9397, 12.1284, -53.5932**.

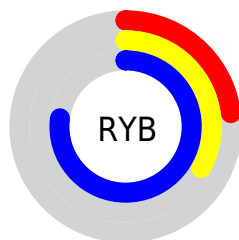
Distribution



Red (23%)

Green (36%)

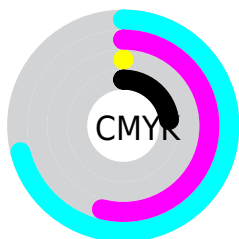
Blue (77%)



Red (23%)

Yellow (33%)

Blue (77%)

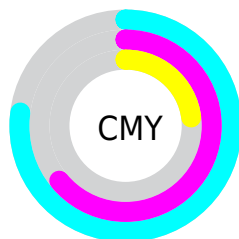


Cyan (71%)

Magenta (54%)

Yellow (0%)

Black (23%)



Cyan (77%)

Magenta (64%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.2320, 17.1980, -66.8826 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 35.2320, 17.1980, -66.8826 by changing the saturation by 10% instead.

 35.2320, 17.1980, -66.8826	 35.2320, 17.1980, -66.8826
---	---

143.9175, 21.1086, -72.6356	 26.5062, 16.2799, -67.6211
--------------------------------	---


 54.9960, 18.6685, -67.2866	 18.6500, 15.2146, -69.8742
---	---

 65.9236, 19.2476, -67.9024	 11.7737, 13.9905, -75.6624
---	---

 77.4922, 19.7376, -68.6352	 4.5445, 22.8938, -125.1185
---	---

 89.6679, 20.1473, -69.4266	0.0000, NaN, -NF
---	------------------

	0.0000, NaN, -NF
--	------------------

 102.4220, 20.4838, -70.2412	0.0000, NaN, -NF
--	------------------

115.7293, 20.7529,	0.0000, NaN, NaN
--------------------	------------------

-71.0564

0.0000, NaN, NaN

129.5677, 20.9597,
-71.8577

■ 35.2320, 17.1980,
-66.8826

■ 35.2320, 17.1980,
-66.8826

■ 31.0078, 23.2877,
-81.4895

■ 39.9397, 12.1284,
-53.5932

■ 27.3828, 30.3388,
-96.9708

■ 45.0352, 7.9701,
-41.6538

■ 24.5869, 37.4499,
-111.5751

■ 50.4474, 4.5745,
-30.9172

■ 56.1228, 1.7981,
-21.1905

■ 62.0212, -0.4800,
-12.2887

■ 68.1118, -2.3570,
-4.0530

■ 74.3711, -3.9093,
3.6468

■ 80.7805, -5.1963,
10.9149

■ 87.3250, -6.2647,
17.8345

Harmonies

Analogous

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



35.2325, -7.8331, -74.2884



35.2320, 17.1980, -66.8826



35.2325, 42.1304, -36.5024

Triad

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



35.2325, 17.1991, -66.8816



35.2325, 30.7427, 21.9006



35.2325, -36.7395, 7.2892

Complementary

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



35.2320, 17.1980, -66.8826



62.2335, -2.5917, 34.4879

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.



35.2325, -31.2716, 19.5156



35.2320, 17.1980, -66.8826



35.2325, 4.4927, 23.5943

Square

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



35.2325, 17.1991, -66.8816



35.2325, 51.2866, 14.7513



35.2325, -17.6060, 23.1037



35.2325, -35.0289, -18.8985

Rectangle

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



35.2320, 17.1980, -66.8826



35.2325, 53.1906, -14.0935



35.2325, -17.6060, 23.1037



35.2325, -35.7450, 12.7714

Sweetspot

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



35.2325, 17.1991, -66.8816



82.3860, -0.4286, -17.3272



65.9167, -38.8385, 9.0857



37.0815, 0.1753, -9.5253

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



35.2325, 17.1991, -66.8816



38.5984, 36.4557, -120.9020



30.6149, 40.1853, -82.7319



32.6947, -1.2128, -1.4866



20.2123, 29.5003, -88.9464



5.5633, 3.2861, -14.0473

Inverse Universe

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



39.5635, 49.9995, 10.4216



48.3687, 76.8976, 19.3762



69.2432, -29.1920, 38.7277



32.6765, 1.4595, 1.8448



28.2000, 48.8067, 14.2433



6.2311, 10.9689, 1.7162

Previews

White Background



This preview shows how the HunterLab color 35.2320, 17.1980, -66.8826 looks on a white background.

Color Contrast Check

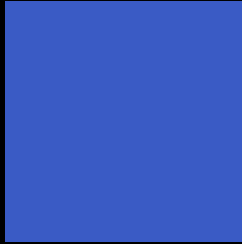
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.2320, 17.1980, -66.8826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

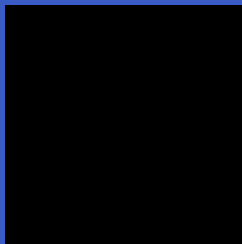
Any Text WCAG AA × Fail

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 35.2320, 17.1980, -66.8826 Background



This preview shows how black text looks on a background with the HunterLab color 35.2320, 17.1980, -66.8826.



This preview shows how white text looks on a background with the HunterLab color 35.2320, 17.1980, -66.8826.

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

35.2320, 17.1980, -66.8826

Protanopia

35.3072, 12.8334, -70.8123

Deuteranopia

35.2172, 1.1770, -46.5593



Tritanopia

34.9595, -16.8621, -7.2958

Trichromacy



Original Color
35.2320, 17.1980, -66.8826

Protanomaly
35.2258, 13.7566, -70.0262

Deuteranomaly
34.8249, 6.3624, -54.7021

Tritanomaly
34.2600, -6.5565, -26.0658

Monochromacy



Original Color
35.2320, 17.1980, -66.8826

Achromatopsia
33.0850, -1.7653, 1.7976

Achromatomaly
33.1639, 2.4185, -17.9108

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.2320, 17.1980, -66.8826 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(58, 91, 197)` looks like.

```
.text, #text, p{  
    color:rgb(58, 91, 197)  
}
```

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(58, 91, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 91, 197) }
```

Border

The CSS property to change the border of an element to HunterLab 35.2320, 17.1980, -66.8826 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(58, 91, 197) }
```


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

```
.border{ border-color:rgb(58, 91, 197) }
```

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

Here you see how a box with a 4 pixel rgb(58, 91, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 91, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 91, 197);  
box-shadow:4px 4px 4px 4px rgb(58, 91,  
197) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.2320, 17.1980, -66.8826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 91, 197) }
```

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

```
.background{ background-color: rgb(58, 91,  
197) }
```

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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