

Converting Colors

HunterLab(35.3949, 40.5104,
-68.3766)

Have a look what the booklet for
HunterLab(35.3949, 40.5104,
-68.3766) contains.

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Color

**HunterLab(35.3510, 40.3587,
-68.1332)**

Conversions

Conversions Part 1

Format	Color
Hex	7846C7
RGB	120, 70, 199
RGB Percent	47%, 27%, 78%
CMY	0.5294, 0.7255, 0.2196
CMYK	0.40, 0.65, 0.00, 0.22
HSL	263°, 54%, 53%
HSV	263°, 65%, 78%
XYZ	20.2447, 12.4969, 55.3780
YIQ	99.6560, -11.6090, 50.7190

Conversions

Conversions Part 2

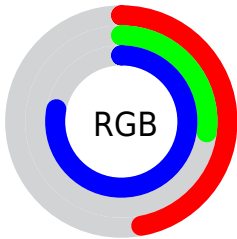
Format	Color
R_{YB}	120, 70, 199
Decimal	7882439
CIE _{Lab}	42.00, 48.62, -59.65
CIE _{LCh}	42, 76.959, 309.184
Yxy	12.4973, 0.2297, 0.1418
Android (android.graphics.Color)	4286072519 (0xFF7846C7)
YUV	99.6560, 48.9766, 17.8417
Hunter-Lab	35.3510, 40.3587, -68.1332

Details

The HunterLab color $[35.3510, 40.3587, -68.1332]$ is a dark color, and the websafe version is hex $6633CC$. The color can be described as dark muted purple. A complement of this color would be $[69.0497, -33.1426, 36.9924]$, and the grayscale version is $[35.3950, -1.8886, 1.9231]$.

A 20% lighter version of the original color is $[54.9926, 43.3974, -67.3550]$, and $[18.8046, 36.5459, -70.9654]$ is the 20% darker color. If you saturate the color by 10%, you get $[30.9679, 47.3450, -83.5388]$, and if you desaturate by 10%, it is $[40.4229, 33.0412, -53.7659]$.

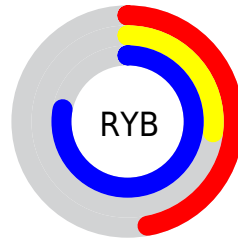
Distribution



Red (47%)

Green (27%)

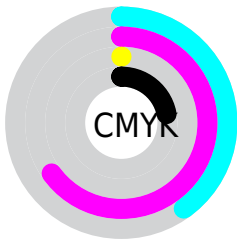
Blue (78%)



Red (47%)

Yellow (27%)

Blue (78%)

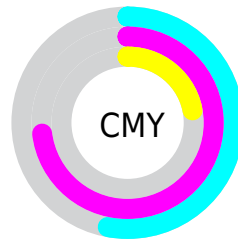


Cyan (40%)

Magenta (65%)

Yellow (0%)

Black (22%)



Cyan (53%)

Magenta (73%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.3510, 40.3587, -68.1332 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 35.3510, 40.3587, -68.1332 by changing the saturation by 10% instead.

35.3510, 40.3587,
-68.1332

35.3510, 40.3587,
-68.1332

144.1078, 52.5808,
-73.8444

26.6145, 38.4863,
-68.9286

55.1341, 43.7952,
-68.4833

18.7464, 36.5696,
-71.2806

66.0704, 45.3440,
-69.0888

11.8564, 34.7970,
-77.2503

77.6470, 46.7846,
-69.8174

4.7006, 49.7985,
-124.7157

89.8305, 48.1231,
-70.6093

0.0000, INF, -NF

0.0000, NaN, -NF

102.5920, 49.3660,
-71.4274

0.0000, NaN, -NF

115.9063, 50.5195,

0.0000, NaN, NaN

-72.2485

0.0000, NaN, NaN

129.7515, 51.5894,
-73.0574

■ 35.3510, 40.3587,
-68.1332

■ 35.3510, 40.3587,
-68.1332

■ 30.9679, 47.3450,
-83.5388

■ 40.4229, 33.0412,
-53.7659

■ 27.4392, 53.2253,
-98.9137

■ 46.0389, 25.7855,
-40.7647

■ 24.9127, 56.9084,
-112.2465

■ 52.0900, 18.7433,
-29.0760

■ 23.8893, 58.1717,
-118.3639

■ 58.4949, 11.9454,
-18.5141

■ 65.1939, 5.3727,
-8.8737

■ 72.1424, -1.0103,
0.0292

■ 79.3068, -7.2406,
8.3464

■ 86.6611, -13.3518,
16.1992

■ 94.1850, -19.3723,
23.6830

Harmonies

Analogous

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



35.3516, 7.3946, -99.6266



35.3510, 40.3587, -68.1332



35.3516, 66.2185, -22.3900

Triad

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



35.3516, 40.3590, -68.1318



35.3516, 20.0289, 24.6909



35.3516, -41.6361, -7.5616

Complementary

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



35.3510, 40.3587, -68.1332



69.0497, -33.1426, 36.9924

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.



35.3516, -40.1953, 15.9953



35.3510, 40.3587, -68.1332



35.3516, -10.3021, 24.7461

Square

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



35.3516, 40.3590, -68.1318



35.3516, 52.1091, 21.6519



35.3516, -30.5204, 23.2506



35.3516, -35.3938, -50.1823

Rectangle

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



35.3510, 40.3587, -68.1332



35.3516, 72.2989, 1.1657



35.3516, -30.5204, 23.2506



35.3516, -41.9755, 2.6664

Sweetspot

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



35.3516, 40.3590, -68.1318



82.2731, 10.9499, -17.2910



52.0531, -9.9257, -29.6442



36.8771, 6.2369, -9.7246

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



35.3516, 40.3590, -68.1318



38.8081, 66.2691, -119.4659



43.2299, 57.5289, -46.4614



32.3799, 0.8820, -1.8541



19.2791, 46.7690, -94.1526



4.6650, 10.6802, -17.8476

Inverse Universe

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



43.2348, 53.0206, -11.4222



52.2575, 81.6784, -14.0988



65.7442, -46.4153, 34.4730



32.7784, 2.0072, 0.3925



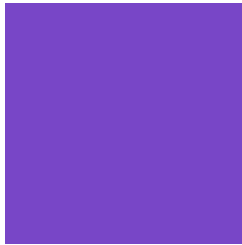
29.5408, 53.7003, -5.0250



6.5352, 12.0700, -2.5851

Previews

White Background



This preview shows how the HunterLab color 35.3510, 40.3587, -68.1332 looks on a white background.

Color Contrast Check

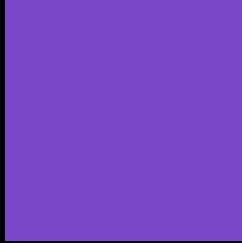
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.3510, 40.3587, -68.1332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

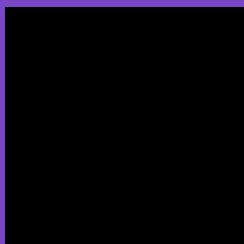
Any Text WCAG AA × Fail

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 35.3510, 40.3587, -68.1332 Background



This preview shows how black text looks on a background with the HunterLab color 35.3510, 40.3587, -68.1332.



This preview shows how white text looks on a background with the HunterLab color 35.3510, 40.3587, -68.1332.

-68.1332.

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

35.3510, 40.3587, -68.1332

Protanopia

35.6055, 12.7006, -71.9208

Deuteranopia

35.3294, 1.7812, -48.0039



Tritanopia

35.2542, -0.3551, -1.2150

Trichromacy



Original Color

35.3510, 40.3587, -68.1332

Protanomaly

34.0824, 19.4786, -75.8617

Deuteranomaly

33.6906, 12.3120, -59.7991

Tritanomaly

34.6391, 13.0030, -20.8955

Monochromacy



Original Color

35.3510, 40.3587, -68.1332

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

34.7104, 11.6624, -18.1942

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.3510, 40.3587, -68.1332 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(120, 70, 199)` looks like.

```
.text, #text, p{  
    color:rgb(120, 70, 199)  
}
```

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(120, 70, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 70, 199) }
```

Border

The CSS property to change the border of an element to HunterLab 35.3510, 40.3587, -68.1332 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(120, 70, 199) }
```


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

```
.border{ border-color:rgb(120, 70, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 70, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 70, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 70, 199);  
box-shadow:4px 4px 4px 4px rgb(120, 70,  
199) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.3510, 40.3587, -68.1332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 70, 199) }
```

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

```
.background{ background-color: rgb(120, 70,  
199) }
```

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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