

Converting Colors

HunterLab(33.2504, 35.4682,
-87.1305)

Have a look what the booklet for
HunterLab(33.2504, 35.4682,
-87.1305) contains.

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Color

**HunterLab(33.3570, 35.3651,
-87.2019)**

Conversions

Conversions Part 1

Format	Color
Hex	5348D2
RGB	83, 72, 210
RGB Percent	33%, 28%, 82%
CMY	0.6745, 0.7176, 0.1765
CMYK	0.60, 0.66, 0.00, 0.18
HSL	245°, 61%, 55%
HSV	245°, 66%, 82%
XYZ	17.5175, 11.1269, 62.1973
YIQ	91.0210, -37.7420, 45.2500

Conversions

Conversions Part 2

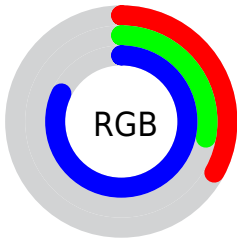
Format	Color
R _Y B	83, 72, 210
Decimal	5458130
CIE Lab	39.79, 44.06, -69.75
CIE LCh	40, 82.498, 302.277
Yxy	11.1272, 0.1928, 0.1225
Android (android.graphics.Color)	4283648210 (0xFF5348D2)
YUV	91.0210, 58.6566, -7.0344
Hunter-Lab	33.3570, 35.3651, -87.2019

Details

The HunterLab color **33.3570, 35.3651, -87.2019** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **76.6176, -22.7935, 42.0681**, and the grayscale version is **32.1531, -1.7156, 1.7469**.

A 20% lighter version of the original color is **52.0273, 34.2181, -75.1565**, and **17.5268, 32.4932, -92.0503** is the 20% darker color. If you saturate the color by 10%, you get **28.4608, 43.7090, -108.7179**, and if you desaturate by 10%, it is **39.1485, 27.5348, -67.7380**.

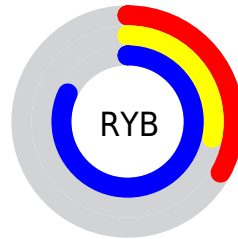
Distribution



Red (33%)

Green (28%)

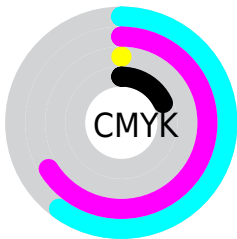
Blue (82%)



Red (33%)

Yellow (28%)

Blue (82%)

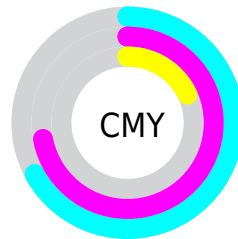


Cyan (60%)

Magenta (66%)

Yellow (0%)

Black (18%)



Cyan (67%)

Magenta (72%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.3570, 35.3651, -87.2019 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 33.3570, 35.3651, -87.2019 by changing the saturation by 10% instead.

33.3570, 35.3651,
-87.2019

33.3570, 35.3651,
-87.2019

140.9035, 46.3586,
-91.0062

24.8041, 33.6099,
-89.6176

52.8158, 38.5383,
-86.0474

17.1406, 31.7871,
-94.9669

63.6059, 39.9483,
-86.3197

10.4855, 30.0742,
-107.3478

75.0446, 41.2489,
-86.8638

0.0000, INF, -NF

87.0971, 42.4475,
-87.5715

0.0000, NaN, -NF

99.7335, 43.5515,
-88.3759

0.0000, NaN, -NF

112.9281, 44.5674,

0.0000, NaN, NaN

-89.2339

126.6581, 45.5013,
-90.1172

■ 33.3570, 35.3651,
-87.2019

■ 33.3570, 35.3651,
-87.2019

■ 28.4608, 43.7090,
-108.7179

■ 39.1485, 27.5348,
-67.7380

■ 24.7489, 51.5421,
-129.9182

■ 45.6074, 20.4901,
-50.8038

■ 22.4847, 56.9669,
-145.9282

■ 52.5759, 14.1851,
-36.1143

■ 21.8404, 58.7071,
-151.0373

■ 59.9461, 8.4843,
-23.2187

■ 67.6437, 3.2523,
-11.7046

■ 75.6159, -1.6232,
-1.2430

■ 83.8244, -6.2288,
8.4161

■ 92.2403, -10.6301,
17.4598

■ 98.7082, -12.4592,
23.9814

Harmonies

Analogous

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



33.3574, 0.5645, -114.5355



33.3570, 35.3651, -87.2019



33.3574, 67.0156, -35.6074

Triad

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



33.3574, 35.3665, -87.2008



33.3574, 29.8656, 23.3502



33.3574, -42.3091, -0.4619

Complementary

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



33.3570, 35.3651, -87.2019



76.6176, -22.7935, 42.0681

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.



33.3574, -39.2671, 18.6743



33.3570, 35.3651, -87.2019



33.3574, -4.0647, 23.3502

Square

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



33.3574, 35.3665, -87.2008



33.3574, 63.1230, 19.9211



33.3574, -27.5344, 23.3502



33.3574, -38.1227, -43.3900

Rectangle

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



33.3570, 35.3651, -87.2019



33.3574, 77.7741, -6.5202



33.3574, -27.5344, 23.3502



33.3574, -42.0999, 8.4357

Sweetspot

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



33.3574, 35.3665, -87.2008



79.8908, 6.9272, -20.8623



69.0733, -30.0547, -10.3006



35.7046, 4.0674, -11.5543

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



33.3574, 35.3665, -87.2008



33.3235, 58.7070, -146.7668



39.7378, 49.7867, -65.6160



33.8557, 0.0657, -2.3301



17.1090, 45.8890, -117.5422



4.2391, 11.0033, -26.2808

Inverse Universe

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



47.3916, 64.7258, -37.2580



54.8495, 93.1189, -52.7876



71.7292, -41.6605, 38.4022



34.6296, 2.6363, -0.9091



32.7417, 63.2862, -34.7729



7.7739, 15.0757, -8.6399

Previews

White Background



This preview shows how the HunterLab color 33.3570, 35.3651, -87.2019 looks on a white background.

Color Contrast Check

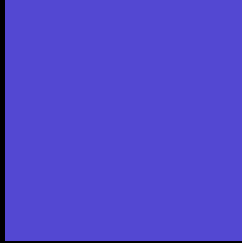
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.3570, 35.3651, -87.2019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

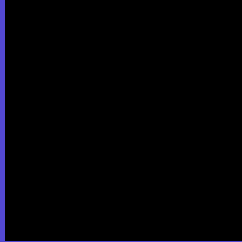
Any Text WCAG AA × Fail

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 33.3570, 35.3651, -87.2019 Background



This preview shows how black text looks on a background with the HunterLab color 33.3570, 35.3651, -87.2019.



This preview shows how white text looks on a background with the HunterLab color 33.3570, 35.3651, -87.2019.

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

33.3570, 35.3651, -87.2019

Protanopia

33.2115, 11.4838, -66.3018

Deuteranopia

33.2356, 0.2912, -42.1703



Tritanopia

33.1780, -13.3328, -6.6643

Trichromacy



Original Color

33.3570, 35.3651, -87.2019

Protanomaly

32.3941, 18.8381, -76.3903

Deuteranomaly

32.2934, 11.3865, -60.1635

Tritanomaly

32.1229, 1.7072, -31.1250

Monochromacy



Original Color

33.3570, 35.3651, -87.2019

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

31.8380, 8.7466, -22.2299

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.3570, 35.3651, -87.2019 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, 72, 210)` looks like.

```
.text, #text, p{  
    color:rgb(83, 72, 210)  
}
```

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, 72, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 72, 210) }
```

Border

The CSS property to change the border of an element to HunterLab 33.3570, 35.3651, -87.2019 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, 72, 210) }
```


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

```
.border{ border-color:rgb(83, 72, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 72, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 72, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 72, 210);  
box-shadow:4px 4px 4px 4px rgb(83, 72,  
210) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.3570, 35.3651, -87.2019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 72, 210) }
```

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

```
.background{ background-color: rgb(83, 72,  
210) }
```

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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