

Converting Colors

HunterLab(33.5425, 41.9526,
-57.0619)

Have a look what the booklet for
HunterLab(33.5425, 41.9526,
-57.0619) contains.

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Color

**HunterLab(33.5066, 41.8613,
-56.9316)**

Conversions

Conversions Part 1

Format	Color
Hex	7F3DB6
RGB	127, 61, 182
RGB Percent	50%, 24%, 71%
CMY	0.5020, 0.7608, 0.2863
CMYK	0.30, 0.66, 0.00, 0.29
HSL	273°, 50%, 48%
HSV	273°, 66%, 71%
XYZ	18.8647, 11.2269, 45.4287
YIQ	94.5280, 0.4950, 51.6230

Conversions

Conversions Part 2

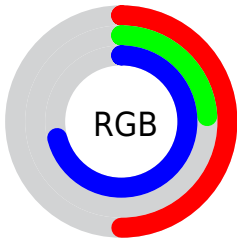
Format	Color
R_{YB}	127, 61, 182
Decimal	8338870
CIE _{Lab}	39.96, 50.45, -52.96
CIE _{LCh}	40, 73.146, 313.608
Yxy	11.2273, 0.2498, 0.1487
Android (android.graphics.Color)	4286528950 (0xFF7F3DB6)
YUV	94.5280, 43.1237, 28.4779
Hunter-Lab	33.5066, 41.8613, -56.9316

Details

The HunterLab color **33.5066, 41.8613, -56.9316** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **61.2421, -34.9694, 32.8505**, and the grayscale version is **33.4979, -1.7874, 1.8200**.

A 20% lighter version of the original color is **53.0184, 45.3003, -57.8584**, and **17.2617, 37.9432, -58.8445** is the 20% darker color. If you saturate the color by 10%, you get **29.9894, 47.9362, -68.1773**, and if you desaturate by 10%, it is **37.6461, 35.0669, -45.8891**.

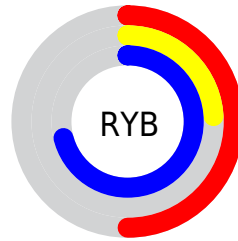
Distribution



Red (50%)

Green (24%)

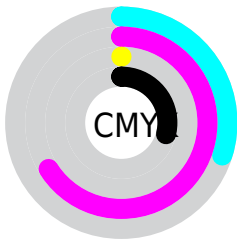
Blue (71%)



Red (50%)

Yellow (24%)

Blue (71%)

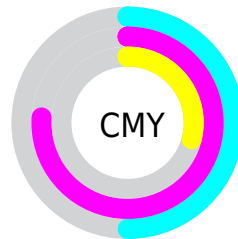


Cyan (30%)

Magenta (66%)

Yellow (0%)

Black (29%)



Cyan (50%)

Magenta (76%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.5066, 41.8613, -56.9316 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 33.5066, 41.8613, -56.9316 by changing the saturation by 10% instead.

33.5066, 41.8613,
-56.9316

33.5066, 41.8613,
-56.9316

141.1455, 54.8120,
-62.8043

24.9398, 39.9253,
-57.3090

52.9904, 45.4604,
-57.6639

17.2606, 37.9887,
-58.9547

63.7916, 47.0948,
-58.3338

10.5874, 36.3295,
-63.7189

75.2408, 48.6202,
-59.0773

0.0000, INF, -NF

87.3033, 50.0419,
-59.8488

0.0000, NaN, -NF

99.9492, 51.3661,
-60.6210

0.0000, NaN, -NF

113.1529, 52.5987,

0.0000, NaN, NaN

-61.3773

126.8917, 53.7456,
-62.1072

■ 33.5066, 41.8613,
-56.9316

■ 33.5066, 41.8613,
-56.9316

■ 29.9894, 47.9362,
-68.1773

■ 37.6461, 35.0669,
-45.8891

■ 27.2033, 52.5928,
-78.7738

■ 42.2965, 28.0183,
-35.4837

■ 25.2032, 55.1444,
-87.6165

■ 47.3653, 20.9669,
-25.8449

■ 24.5878, 55.8431,
-90.5891

■ 52.7789, 14.0259,
-16.9483

■ 58.4804, 7.2324,
-8.7070

■ 64.4262, 0.5867,
-1.0186

■ 70.5826, -5.9265,
6.2133

■ 76.9234, -12.3282,
13.0728

■ 83.4276, -18.6393,
19.6296

Harmonies

Analogous

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



33.5072, 11.2670, -89.8772



33.5066, 41.8613, -56.9316



33.5072, 63.6585, -15.2419

Triad

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



33.5072, 41.8612, -56.9302



33.5072, 14.0898, 23.4550



33.5072, -38.6953, -11.9384

Complementary

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



33.5066, 41.8613, -56.9316



61.2421, -34.9694, 32.8505

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.



33.5072, -38.3701, 12.9490



33.5066, 41.8613, -56.9316



33.5072, -13.1100, 23.4550

Square

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



33.5072, 41.8612, -56.9302



33.5072, 44.4812, 21.1057



33.5072, -30.5193, 21.4698



33.5072, -31.6159, -52.9432

Rectangle

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



33.5066, 41.8613, -56.9316



33.5072, 67.0211, 4.7745



33.5072, -30.5193, 21.4698



33.5072, -39.3589, -1.4221

Sweetspot

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



33.5072, 41.8612, -56.9302



75.7402, 13.2409, -15.9066



41.4746, -0.3448, -37.7159



34.5850, 7.4285, -8.9394



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



33.5072, 41.8612, -56.9302



38.4214, 67.9041, -98.9518



40.6151, 56.3452, -35.4476



29.9237, 1.1804, -1.5116



20.7587, 47.0391, -75.6485



4.3380, 9.3671, -12.2214

Inverse Universe

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



38.1363, 46.1230, -1.3811



46.7010, 72.2641, 1.5636



59.0172, -43.9756, 30.5667



30.1302, 1.5966, 0.9381



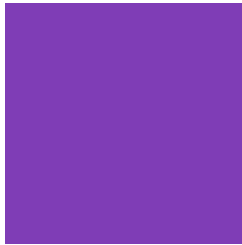
27.3390, 48.4690, 4.8749



5.2536, 9.5378, -0.7981

Previews

White Background



This preview shows how the HunterLab color 33.5066, 41.8613, -56.9316 looks on a white background.

Color Contrast Check

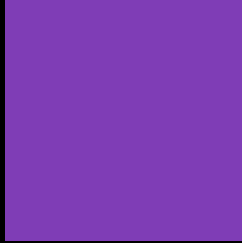
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.5066, 41.8613, -56.9316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

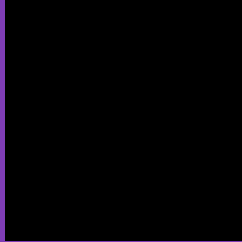
Any Text WCAG AA × Fail

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 33.5066, 41.8613, -56.9316 Background



This preview shows how black text looks on a background with the HunterLab color 33.5066, 41.8613, -56.9316.



This preview shows how white text looks on a background with the HunterLab color 33.5066, 41.8613, -56.9316.

-56.9316.

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

33.5066, 41.8613, -56.9316

Protanopia

33.6637, 11.9650, -67.9056

Deuteranopia

33.5679, 2.0818, -46.4509



Tritanopia

33.4442, 6.1110, 1.5220

Trichromacy



Original Color

33.5066, 41.8613, -56.9316

Protanomaly

31.6106, 19.1107, -70.4881

Deuteranomaly

31.3422, 12.6958, -56.2167

Tritanomaly

32.8070, 18.1689, -15.7533

Monochromacy



Original Color

33.5066, 41.8613, -56.9316

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

32.9312, 12.7675, -15.6345

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.5066, 41.8613, -56.9316 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(127, 61, 182)` looks like.

```
.text, #text, p{  
    color:rgb(127, 61, 182)  
}
```

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(127, 61, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 61, 182) }
```

Border

The CSS property to change the border of an element to HunterLab 33.5066, 41.8613, -56.9316 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(127, 61, 182) }
```


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

```
.border{ border-color:rgb(127, 61, 182) }
```

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

Here you see how a box with a 4 pixel rgb(127, 61, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 61, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 61, 182);  
box-shadow:4px 4px 4px 4px rgb(127, 61,  
182) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.5066, 41.8613, -56.9316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 61, 182) }
```

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

```
.background{ background-color: rgb(127, 61,  
182) }
```

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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