

Converting Colors

HunterLab(35.3853, 48.5037,
-81.8372)

Have a look what the booklet for
HunterLab(35.3853, 48.5037,
-81.8372) contains.

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Color

**HunterLab(35.3828, 48.2063,
-81.7265)**

Conversions

Conversions Part 1

Format	Color
Hex	7B3FD4
RGB	123, 63, 212
RGB Percent	48%, 25%, 83%
CMY	0.5176, 0.7529, 0.1686
CMYK	0.42, 0.70, 0.00, 0.17
HSL	264°, 63%, 54%
HSV	264°, 70%, 83%
XYZ	21.8295, 12.5194, 63.5532
YIQ	97.9260, -12.0690, 59.0590

Conversions

Conversions Part 2

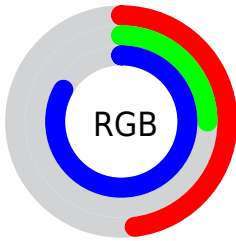
Format	Color
R_{YB}	123, 63, 212
Decimal	8077268
CIE _{Lab}	42.03, 56.07, -67.09
CIE _{LCh}	42, 87.437, 309.887
Yxy	12.5198, 0.2230, 0.1279
Android (android.graphics.Color)	4286267348 (0xFF7B3FD4)
YUV	97.9260, 56.2385, 21.9899
Hunter-Lab	35.3828, 48.2063, -81.7265

Details

The HunterLab color $35.3828, 48.2063, -81.7265$ 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 $73.5671, -38.0230, 40.8760$, and the grayscale version is $34.7207, -1.8526, 1.8864$.

A 20% lighter version of the original color is $54.1343, 47.8320, -69.4234$, and $18.7675, 44.0374, -87.0289$ is the 20% darker color. If you saturate the color by 10%, you get $31.1965, 55.1362, -98.1911$, and if you desaturate by 10%, it is $40.4125, 40.4480, -65.7733$.

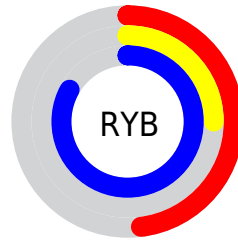
Distribution



Red (48%)

Green (25%)

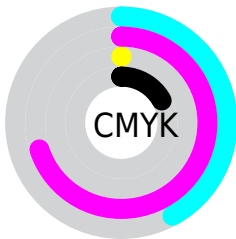
Blue (83%)



Red (48%)

Yellow (25%)

Blue (83%)

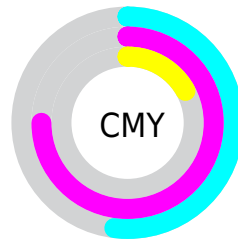


Cyan (42%)

Magenta (70%)

Yellow (0%)

Black (17%)



Cyan (52%)

Magenta (75%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.3828, 48.2063, -81.7265 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 35.3828, 48.2063, -81.7265 by changing the saturation by 10% instead.

35.3828, 48.2063,
-81.7265

35.3828, 48.2063,
-81.7265

144.1585, 62.6109,
-86.5268

26.6434, 46.1504,
-83.3698

55.1710, 52.1048,
-81.2704

18.7721, 44.1326,
-87.2211

66.1095, 53.9014,
-81.7008

11.8785, 42.4589,
-96.1396

77.6883, 55.5924,
-82.3390

4.7413, 60.2564,
-157.7438

89.8739, 57.1810,
-83.0987

0.0000, INF, -NF

0.0000, NaN, -NF

102.6373, 58.6720,
-83.9265

0.0000, NaN, -NF

115.9535, 60.0705,

0.0000, NaN, -NF

-84.7878

0.0000, NaN, NaN

129.8005, 61.3819,
-85.6597

■ 35.3828, 48.2063,
-81.7265

■ 35.3828, 48.2063,
-81.7265

■ 31.1965, 55.1362,
-98.1911

■ 40.4125, 40.4480,
-65.7733

■ 28.0251, 60.1700,
-113.4533

■ 46.1141, 32.5167,
-51.1001

■ 25.8889, 62.6960,
-125.5991

■ 52.3503, 24.7197,
-37.8539

■ 59.0168, 17.1617,
-25.9095

■ 66.0368, 9.8529,
-15.0598

■ 73.3531, 2.7662,
-5.0977

■ 80.9230, -4.1366,
4.1557

■ 88.7140, -10.8927,
12.8459

■ 96.7004, -17.5355,
21.0890

Harmonies

Analogous

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



35.3833, 9.5816, -122.4383



35.3828, 48.2063, -81.7265



35.3833, 78.7519, -25.4753

Triad

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



35.3833, 48.2069, -81.7250



35.3833, 22.4644, 24.7683



35.3833, -45.0028, -9.9772

Complementary

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



35.3828, 48.2063, -81.7265



73.5671, -38.0230, 40.8760

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.



35.3833, -43.7235, 16.9505



35.3828, 48.2063, -81.7265



35.3833, -12.0637, 24.7683

Square

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



35.3833, 48.2069, -81.7250



35.3833, 60.5298, 22.8281



35.3833, -33.8871, 24.1386



35.3833, -38.3967, -62.0201

Rectangle

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



35.3828, 48.2063, -81.7265



35.3833, 85.6339, 1.8079



35.3833, -33.8871, 24.1386



35.3833, -45.4014, 2.0437

Sweetspot

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



35.3833, 48.2069, -81.7250



80.5567, 12.9768, -19.7658



53.2888, -8.7532, -36.6191



36.1386, 7.1564, -10.8289

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



35.3833, 48.2069, -81.7250



36.4811, 71.1905, -130.0331



44.9360, 67.1997, -53.3184



35.0005, 1.0259, -2.0248



20.4757, 49.3968, -97.8640



5.4811, 12.6157, -21.4899

Inverse Universe

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



44.5186, 60.8081, -11.0638



50.6822, 84.4557, -11.0529



70.0439, -52.3059, 38.2643



35.4176, 2.1840, 0.4751



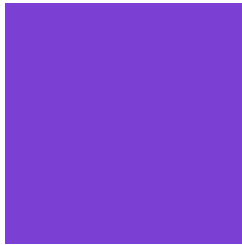
30.9860, 56.1634, -3.9996



7.7155, 14.1734, -2.4593

Previews

White Background



This preview shows how the HunterLab color 35.3828, 48.2063, -81.7265 looks on a white background.

Color Contrast Check

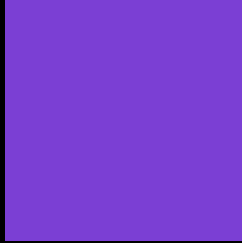
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.3828, 48.2063, -81.7265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

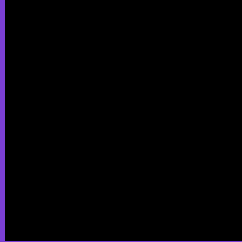
Any Text WCAG AA × Fail

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 35.3828, 48.2063, -81.7265 Background



This preview shows how black text looks on a background with the HunterLab color 35.3828, 48.2063, -81.7265.



This preview shows how white text looks on a background with the HunterLab color 35.3828, 48.2063, -81.7265.

-81.7265.

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

35.3828, 48.2063, -81.7265

Protanopia

35.5387, 12.3617, -71.1058

Deuteranopia

35.4935, 0.6958, -45.8659



Tritanopia

35.2542, -0.3551, -1.2150

Trichromacy



Original Color

35.3828, 48.2063, -81.7265

Protanomaly

33.6968, 22.5713, -81.5834

Deuteranomaly

33.4188, 14.4206, -63.5637

Tritanomaly

34.2483, 15.8661, -24.9935

Monochromacy



Original Color

35.3828, 48.2063, -81.7265

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

33.8923, 14.2751, -21.5960

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.3828, 48.2063, -81.7265 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(123, 63, 212)` looks like.

```
.text, #text, p{  
    color:rgb(123, 63, 212)  
}
```

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(123, 63, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 63, 212) }
```

Border

The CSS property to change the border of an element to HunterLab 35.3828, 48.2063, -81.7265 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(123, 63, 212) }
```


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

```
.border{ border-color:rgb(123, 63, 212) }
```

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

Here you see how a box with a 4 pixel rgb(123, 63, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 63, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 63, 212);  
box-shadow:4px 4px 4px 4px rgb(123, 63,  
212) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.3828, 48.2063, -81.7265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 63, 212) }
```

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

```
.background{ background-color: rgb(123, 63,  
212) }
```

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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