

Converting Colors

HunterLab(37.8453, 28.3881,
-35.7832)

Have a look what the booklet for
HunterLab(37.8453, 28.3881,
-35.7832) contains.

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Color

**HunterLab(37.8217, 28.2963,
-35.8159)**

Conversions

Conversions Part 1

Format	Color
Hex	8455AA
RGB	132, 85, 170
RGB Percent	52%, 33%, 67%
CMY	0.4823, 0.6667, 0.3333
CMYK	0.22, 0.50, 0.00, 0.33
HSL	273°, 33%, 50%
HSV	273°, 50%, 67%
XYZ	20.0199, 14.3048, 39.7361
YIQ	108.7430, 0.7270, 36.3990

Conversions

Conversions Part 2

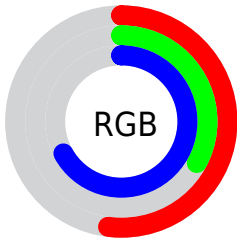
Format	Color
R _Y B	132, 85, 170
Decimal	8672682
CIE Lab	44.67, 36.00, -38.32
CIE LCh	45, 52.580, 313.207
Yxy	14.3054, 0.2703, 0.1932
Android (android.graphics.Color)	4286862762 (0xFF8455AA)
YUV	108.7430, 30.1997, 20.3964
Hunter-Lab	37.8217, 28.2963, -35.8159

Details

The HunterLab color $37.8217, 28.2963, -35.8159$ is a dark color, and the websafe version is hex $9966CC$. A complement of this color would be $57.9798, -27.0131, 26.4649$, and the grayscale version is $38.8969, -2.0754, 2.1133$.

A 20% lighter version of the original color is $58.0208, 30.8298, -37.2336$, and $20.7677, 25.3755, -34.8060$ is the 20% darker color. If you saturate the color by 10%, you get $33.6926, 34.7758, -45.5533$, and if you desaturate by 10%, it is $42.3633, 21.7464, -26.7412$.

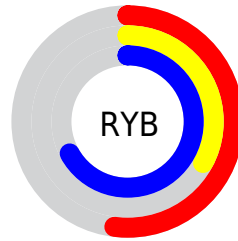
Distribution



Red (52%)

Green (33%)

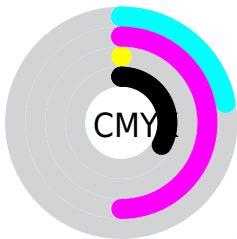
Blue (67%)



Red (52%)

Yellow (33%)

Blue (67%)

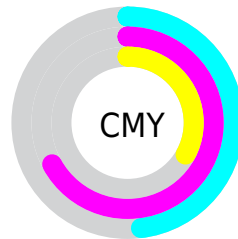


Cyan (22%)

Magenta (50%)

Yellow (0%)

Black (33%)



Cyan (48%)

Magenta (67%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.8217, 28.2963, -35.8159 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 37.8217, 28.2963, -35.8159 by changing the saturation by 10% instead.

37.8217, 28.2963,
-35.8159

37.8217, 28.2963,
-35.8159

148.0278, 36.2136,
-40.7848

28.8676, 26.8874,
-35.2899

57.9913, 30.7334,
-37.1027

20.7581, 25.3489,
-35.0431

69.1022, 31.7815,
-37.7502

13.5936, 23.7121,
-35.5147

80.8441, 32.7288,
-38.3676

7.1885, 24.3706,
-40.3814

93.1847, 33.5837,
-38.9449

0.0000, INF, -NF

0.0000, NaN, -NF

106.0962, 34.3536,
-39.4769

0.0000, NaN, NaN

119.5544, 35.0449,

0.0000, NaN, NaN

-39.9612

0.0000, NaN, NaN

133.5380, 35.6633,
-40.3971

■ 37.8217, 28.2963,
-35.8159

■ 37.8217, 28.2963,
-35.8159

■ 33.6926, 34.7758,
-45.5533

■ 42.3633, 21.7464,
-26.7412

■ 30.0639, 40.8970,
-55.7599

■ 47.2422, 15.2687,
-18.3513

■ 27.0380, 46.1615,
-65.9258

■ 52.4026, 8.9175,
-10.5825

■ 24.7080, 49.8886,
-75.1604

■ 57.8006, 2.7033,
-3.3466

■ 22.9830, 51.9861,
-83.0364

■ 63.4026, -3.3838,
3.4456

■ 22.9827, 51.9864,
-83.0375

■ 69.1824, -9.3611,
9.8735

■ 75.1190, -15.2478,
16.0044

■ 81.1961, -21.0621,
21.8938

■ 87.4000, -26.8201,
27.5871

Harmonies

Analogous

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



37.8225, 7.2356, -54.1938



37.8217, 28.2963, -35.8159



37.8225, 42.6277, -10.1996

Triad

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



37.8225, 28.2957, -35.8147



37.8225, 9.8256, 23.0670



37.8225, -32.8086, -7.3566

Complementary

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



37.8217, 28.2963, -35.8159



57.9798, -27.0131, 26.4649

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.



37.8225, -32.4014, 11.2270



37.8217, 28.2963, -35.8159



37.8225, -10.4634, 23.2250

Square

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



37.8225, 28.2957, -35.8147



37.8225, 30.5304, 19.5875



37.8225, -25.0399, 20.2650



37.8225, -26.3008, -32.8212

Rectangle

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



37.8217, 28.2963, -35.8159



37.8225, 44.9047, 4.0611



37.8225, -25.0399, 20.2650



37.8225, -33.4277, -0.0593

Sweetspot

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



37.8225, 28.2957, -35.8147



73.9858, 8.0328, -9.5657



43.6602, -2.3380, -24.7826



34.2389, 4.6051, -5.4677



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



37.8225, 28.2957, -35.8147



44.8161, 47.7738, -62.8351



42.1752, 39.1394, -23.8744



27.3812, 1.0637, -1.3379



19.7965, 44.6862, -70.8053



3.5358, 7.5242, -9.1030

Inverse Universe

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



40.5876, 31.8891, -1.8058



49.7528, 52.8325, -1.9275



56.0415, -34.5766, 23.8693



27.5608, 1.4134, 0.8897



25.8483, 45.7931, 4.8644



4.1586, 7.6023, -1.0382

Previews

White Background



This preview shows how the HunterLab color 37.8217, 28.2963, -35.8159 looks on a white background.

Color Contrast Check

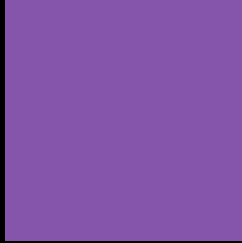
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.8217, 28.2963, -35.8159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

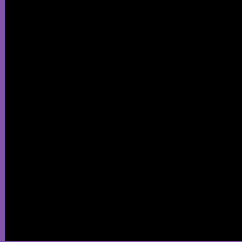
Any Text WCAG AA × Fail

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 37.8217, 28.2963, -35.8159 Background



This preview shows how black text looks on a background with the HunterLab color 37.8217, 28.2963, -35.8159.



This preview shows how white text looks on a background with the HunterLab color 37.8217, 28.2963, -35.8159.

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

37.8217, 28.2963, -35.8159

Protanopia

38.0548, 9.0854, -49.6400

Deuteranopia

38.1013, 2.9448, -32.6096



Tritanopia

37.8611, 5.8293, 1.2147

Trichromacy



Original Color

37.8217, 28.2963, -35.8159

Protanomaly

37.3177, 15.2333, -46.1941

Deuteranomaly

37.3608, 11.3589, -34.7976

Tritanomaly

37.7607, 13.3021, -10.2145

Monochromacy



Original Color

37.8217, 28.2963, -35.8159

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

38.1247, 8.1470, -9.7586

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.8217, 28.2963, -35.8159 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(132, 85, 170)` looks like.

```
.text, #text, p{  
    color:rgb(132, 85, 170)  
}
```

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(132, 85, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 85, 170) }
```

Border

The CSS property to change the border of an element to HunterLab 37.8217, 28.2963, -35.8159 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(132, 85, 170) }
```


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

```
.border{ border-color:rgb(132, 85, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 85, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 85, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 85, 170);  
box-shadow:4px 4px 4px 4px rgb(132, 85,  
170) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.8217, 28.2963, -35.8159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 85, 170) }
```

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

```
.background{ background-color: rgb(132, 85,  
170) }
```

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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