

Converting Colors

HunterLab(33.6950, 58.8597,
-12.0684)

Have a look what the booklet for
HunterLab(33.6950, 58.8597,
-12.0684) contains.

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Color

**HunterLab(33.7317, 58.8598,
-12.2871)**

Conversions

Conversions Part 1

Format	Color
Hex	B2127D
RGB	178, 18, 125
RGB Percent	70%, 7%, 49%
CMY	0.3020, 0.9293, 0.5098
CMYK	0.00, 0.90, 0.30, 0.30
HSL	320°, 82%, 38%
HSV	320°, 90%, 70%
XYZ	22.2781, 11.3783, 20.4241
YIQ	78.0380, 61.0130, 67.1970

Conversions

Conversions Part 2

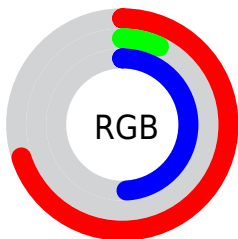
Format	Color
R_{YB}	178, 18, 125
Decimal	11670141
CIE _{Lab}	40.21, 65.99, -17.57
CIE _{LCh}	40, 68.293, 345.090
Yxy	11.3789, 0.4119, 0.2104
Android (android.graphics.Color)	4289860221 (0xFFB2127D)
YUV	78.0380, 23.1523, 87.6667
Hunter-Lab	33.7317, 58.8598, -12.2871

Details

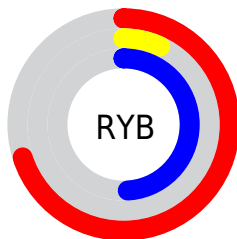
The HunterLab color **33.7317, 58.8598, -12.2871** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **56.9428, -45.3936, 28.0830**, and the grayscale version is **27.5229, -1.4686, 1.4954**.

A 20% lighter version of the original color is **53.2644, 63.5753, -12.9501**, and **21.2482, 38.8439, -5.3059** is the 20% darker color. If you saturate the color by 10%, you get **32.8697, 60.3127, -10.2299**, and if you desaturate by 10%, it is **35.1450, 55.6948, -13.5319**.

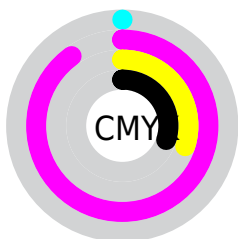
Distribution



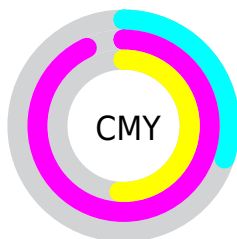
- Red (70%)
- Green (7%)
- Blue (49%)



- Red (70%)
- Yellow (7%)
- Blue (49%)



- Cyan (0%)
- Magenta (90%)
- Yellow (30%)
- Black (30%)



- Cyan (30%)
- Magenta (93%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.7317, 58.8598, -12.2871 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 33.7317, 58.8598, -12.2871 by changing the saturation by 10% instead.

33.7317, 58.8598,
-12.2871

33.7317, 58.8598,
-12.2871

141.5093, 76.0368,
-12.7628

25.1442, 56.6581,
-11.9135

53.2529, 63.2796,
-12.8196

17.4414, 54.7092,
-11.4840

64.0708, 65.3865,
-12.9836

10.7411, 53.6451,
-11.0561

75.5358, 67.3993,
-13.0840

1.5300, 219.8423,
-48.6847

87.6133, 69.3143,
-13.1248

0.0000, INF, -NF

0.0000, NaN, NaN

100.2735, 71.1323,
-13.1099

0.0000, NaN, NaN

113.4909, 72.8561,

0.0000, NaN, NaN

-13.0426

0.0000, NaN, NaN

127.2429, 74.4896,
-12.9260

■ 33.7317, 58.8598,
-12.2871

■ 33.7317, 58.8598,
-12.2871

■ 32.8697, 60.3127,
-10.2299

■ 35.1450, 55.6948,
-13.5319

■ 32.8598, 60.3288,
-10.2040

■ 37.2401, 50.6450,
-13.7232

■ 39.9984, 44.1342,
-12.9190

■ 43.3624, 36.6712,
-11.2808

■ 47.2584, 28.6960,
-8.9986

■ 51.6119, 20.5226,
-6.2446

■ 56.3552, 12.3455,
-3.1544

■ 61.4308, 4.2700,
0.1730

■ 66.7909, -3.6565,
3.6690

Harmonies

Analogous

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



33.7326, 39.7690, -49.5144



33.7317, 58.8598, -12.2871



33.7326, 58.7928, 11.7570

Triad

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



33.7326, 58.8569, -12.2858



33.7326, -13.4988, 23.1960



33.7326, -29.6194, -49.7452

Complementary

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



33.7317, 58.8598, -12.2871



56.9428, -45.3936, 28.0830

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.



33.7326, -36.9642, -12.4821



33.7317, 58.8598, -12.2871



33.7326, -29.6887, 20.8495

Square

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



33.7326, 58.8569, -12.2858



33.7326, 11.5745, 23.2029



33.7326, -36.9852, 11.6631



33.7326, -13.3719, -79.8176

Rectangle

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



33.7317, 58.8598, -12.2871



33.7326, 47.6311, 19.0278



33.7326, -36.9852, 11.6631



33.7326, -32.9691, -36.7964

Sweetspot

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



33.7326, 58.8569, -12.2858



70.9970, 24.9763, -7.4420



22.1384, 47.4025, -98.3312



32.4387, 13.5058, -4.1357



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



33.7326, 58.8569, -12.2858



44.2002, 81.0616, -13.0453



31.7904, 51.5942, 15.4076



29.3222, 1.8179, 0.1724



27.8170, 51.1083, -8.9313



5.0371, 9.4328, -2.9985

Inverse Universe

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



33.7326, 58.8569, -12.2858



44.2002, 81.0616, -13.0453



58.4201, -36.3328, 6.6448



29.3222, 1.8179, 0.1724



27.8170, 51.1083, -8.9313



5.0371, 9.4328, -2.9985

Previews

White Background



This preview shows how the HunterLab color 33.7317, 58.8598, -12.2871 looks on a white background.

Color Contrast Check

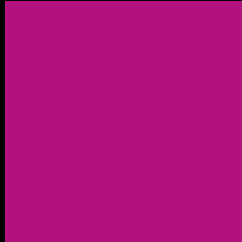
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.7317, 58.8598, -12.2871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

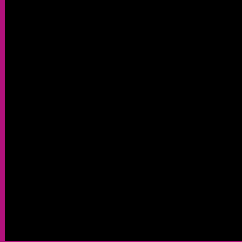
Any Text WCAG AA × Fail

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 33.7317, 58.8598, -12.2871 Background



This preview shows how black text looks on a background with the HunterLab color 33.7317, 58.8598, -12.2871.



This preview shows how white text looks on a background with the HunterLab color 33.7317, 58.8598, -12.2871.

-12.2871.

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

33.7317, 58.8598, -12.2871

Protanopia

34.6132, 8.8918, -48.8732

Deuteranopia

34.3170, 2.5582, -7.8860



Tritanopia

33.9385, 40.9762, 15.5331

Trichromacy



Original Color

33.7317, 58.8598, -12.2871

Protanomaly

30.0667, 26.2806, -43.9147

Deuteranomaly

31.1257, 25.4878, -14.2222

Tritanomaly

33.3829, 47.7332, 7.9268

Monochromacy



Original Color

33.7317, 58.8598, -12.2871

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

26.8923, 22.0964, -6.9115

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.7317, 58.8598, -12.2871 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(178, 18, 125)` looks like.

```
.text, #text, p{  
  color:rgb(178, 18, 125)  
}
```

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(178, 18, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 18, 125) }
```

Border

The CSS property to change the border of an element to HunterLab 33.7317, 58.8598, -12.2871 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(178, 18, 125) }
```


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

```
.border{ border-color:rgb(178, 18, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 18, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 18, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 18, 125);  
box-shadow:4px 4px 4px 4px rgb(178, 18,  
125) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.7317, 58.8598, -12.2871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 18, 125) }
```

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

```
.background{ background-color: rgb(178, 18,  
125) }
```

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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