

Converting Colors

HunterLab(33.8905, 59.8732,
7.6761)

Have a look what the booklet for
HunterLab(33.8905, 59.8732,
7.6761) contains.

HunterLab(33.8280, 59.7777, 7.5478)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(33.8280, 59.7777,
7.5478)**

Conversions

Conversions Part 1

Format	Color
Hex	BD0053
RGB	189, 0, 83
RGB Percent	74%, 0%, 33%
CMY	0.2588, 0.9999, 0.6745
CMYK	0.00, 1.00, 0.56, 0.26
HSL	334°, 100%, 37%
HSV	334°, 100%, 74%
XYZ	22.5476, 11.4433, 9.2040
YIQ	65.9730, 86.0010, 65.8810

Conversions

Conversions Part 2

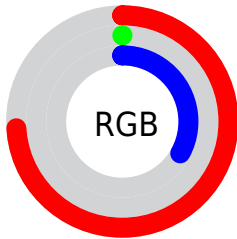
Format	Color
RYB	189, 0, 83
Decimal	12386387
CIELab	40.32, 66.77, 9.33
CIELCh	40, 67.419, 7.951
Yxy	11.4440, 0.5220, 0.2649
Android (android.graphics.Color)	4290576467 (0xFFBD0053)
YUV	65.9730, 8.3943, 107.8947
Hunter-Lab	33.8280, 59.7777, 7.5478

Details

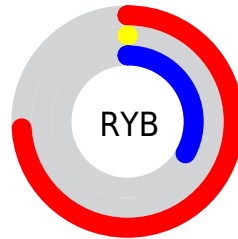
The HunterLab color **33.8280, 59.7777, 7.5478** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **61.1854, -46.3899, 23.6680**, and the grayscale version is **23.2884, -1.2426, 1.2653**.

A 20% lighter version of the original color is **53.4002, 64.0530, 9.7888**, and **21.7616, 37.9405, 8.8440** is the 20% darker color. If you saturate the color by 10%, you get **33.8275, 59.7760, 7.5539**, and if you desaturate by 10%, it is **34.7610, 58.4068, 4.5391**.

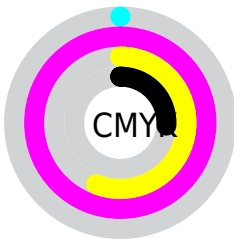
Distribution



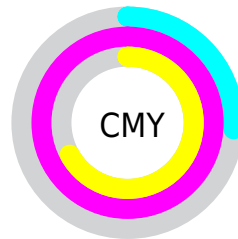
- Red (74%)
- Green (0%)
- Blue (33%)



- Red (74%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (100%)
- Yellow (56%)
- Black (26%)



- Cyan (26%)
- Magenta (100%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.8280, 59.7777, 7.5478 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 33.8280, 59.7777, 7.5478 by changing the saturation by 10% instead.

■ 33.8280, 59.7777,
7.5478

■ 33.8280, 59.7777,
7.5478

141.6648, 77.1372,
17.4831

■ 25.2316, 57.5675,
6.4394

■ 53.3651, 64.2284,
9.7228

■ 17.5188, 55.6240,
5.2914

■ 64.1902, 66.3552,
10.8061

■ 10.8070, 54.5925,
4.3181

■ 75.6619, 68.3891,
11.8939

■ 1.8777, 183.0205,
1.3144

■ 87.7458, 70.3259,
12.9893

0.0000, INF, NaN

0.0000, NaN, NaN

■ 100.4121, 72.1660,
14.0946

0.0000, NaN, NaN

■ 113.6353, 73.9121,

0.0000, NaN, NaN

15.2113

0.0000, NaN, NaN

127.3929, 75.5678,
16.3405

■ 33.8280, 59.7777,
7.5478

■ 33.8280, 59.7777,
7.5478

■ 33.8275, 59.7760,
7.5539

■ 34.7610, 58.4068,
4.5391

■ 36.3290, 55.2456,
1.8900

■ 38.6679, 50.1350,
-0.0754

■ 41.7473, 43.5548,
-1.2622

■ 45.4942, 36.0564,
-1.6959

■ 49.8200, 28.0973,
-1.4700

■ 54.6383, 19.9892,
-0.6997

■ 59.8727, 11.9148,
0.5061

■ 65.4594, 3.9663,
2.0564

Harmonies

Analogous

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



33.8290, 54.9032, -20.0730



33.8280, 59.7777, 7.5478



33.8290, 44.7612, 19.5716

Triad

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



33.8290, 59.7738, 7.5487



33.8290, -26.4782, 21.6568



33.8290, -17.9517, -73.2741

Complementary

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



33.8280, 59.7777, 7.5478



61.1854, -46.3899, 23.6680

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.



33.8290, -31.8592, -39.7793



33.8280, 59.7777, 7.5478



33.8290, -35.6987, 14.8538

Square

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



33.8290, 59.7738, 7.5487



33.8290, -8.1706, 23.3441



33.8290, -37.3343, -5.0745



33.8290, 5.0651, -81.2911

Rectangle

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



33.8280, 59.7777, 7.5478



33.8290, 27.4917, 22.1645



33.8290, -37.3343, -5.0745



33.8290, -23.6261, -63.8564

Sweetspot

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



33.8290, 59.7738, 7.5487



72.7868, 27.2917, -1.0026



25.7212, 58.3249, -94.1063



32.4644, 14.7800, -0.6972



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



33.8290, 59.7738, 7.5487



45.2197, 79.8100, 10.8489



33.2034, 55.2689, 21.4256



30.9905, 1.6340, 1.0188



27.7742, 49.1298, 5.8109



5.6154, 10.1542, -0.5395

Inverse Universe

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



33.8290, 59.7738, 7.5487



45.2197, 79.8100, 10.8489



60.1132, -29.7264, -10.9635



30.9905, 1.6340, 1.0188



27.7742, 49.1298, 5.8109



5.6154, 10.1542, -0.5395

Previews

White Background



This preview shows how the HunterLab color 33.8280, 59.7777, 7.5478 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

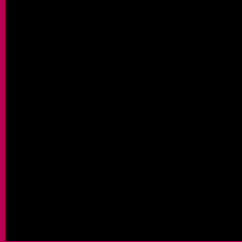
Any Text WCAG AA × Fail

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 33.8280, 59.7777, 7.5478 Background



This preview shows how black text looks on a background with the HunterLab color 33.8280, 59.7777, 7.5478.



This preview shows how white text looks on a background with the HunterLab color 33.8280, 59.7777,

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

33.8280, 59.7777, 7.5478

Protanopia

34.9359, 0.8873, -9.1564

Deuteranopia

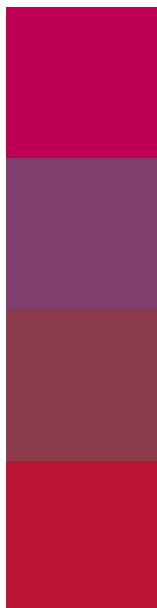
34.7718, 1.8398, 10.1082



Tritanopia

34.2882, 50.8709, 19.6559

Trichromacy



Original Color

33.8280, 59.7777, 7.5478

Protanomaly

30.0313, 25.4804, -8.5107

Deuteranomaly

30.7319, 27.3931, 5.5108

Tritanomaly

33.8625, 54.6259, 16.3385

Monochromacy



Original Color

33.8280, 59.7777, 7.5478

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

23.4591, 24.0276, -0.6190

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.8280, 59.7777, 7.5478 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(189, 0, 83)` looks like.

```
.text, #text, p{  
    color:rgb(189, 0, 83)  
}
```

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(189, 0, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 0, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 33.8280, 59.7777, 7.5478 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(189, 0, 83) }
```


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

```
.border{ border-color:rgb(189, 0, 83) }
```

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

Here you see how a box with a 4 pixel rgb(189, 0, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 0, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 0, 83);  
box-shadow:4px 4px 4px 4px rgb(189, 0, 83)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.8280, 59.7777, 7.5478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 0, 83) }
```

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

```
.background{ background-color: rgb(189, 0,  
83) }
```

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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