

Converting Colors

HunterLab(38.8697, 41.9294,
16.8598)

Have a look what the booklet for
HunterLab(38.8697, 41.9294,
16.8598) contains.

HunterLab(38.8698, 41.8148, 16.8214)	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(38.8698, 41.8148,
16.8214)**

Conversions

Conversions Part 1

Format	Color
Hex	BD4242
RGB	189, 66, 66
RGB Percent	74%, 26%, 26%
CMY	0.2588, 0.7411, 0.7412
CMYK	0.00, 0.65, 0.65, 0.26
HSL	0°, 48%, 50%
HSV	0°, 65%, 74%
XYZ	23.9179, 15.1086, 6.8099
YIQ	102.7770, 73.3080, 26.0760

Conversions

Conversions Part 2

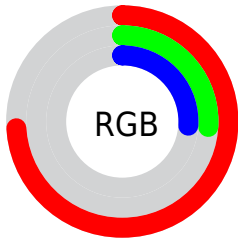
Format	Color
RYB	189, 66, 66
Decimal	12403266
CIELab	45.78, 49.36, 27.13
CIElCh	46, 56.327, 28.798
Yxy	15.1095, 0.5218, 0.3296
Android (android.graphics.Color)	4290593346 (0xFFBD4242)
YUV	102.7770, -18.1311, 75.6176
Hunter-Lab	38.8698, 41.8148, 16.8214

Details

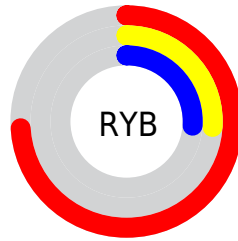
The HunterLab color **38.8698, 41.8148, 16.8214** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **64.2061, -29.9916, -5.4192**, and the grayscale version is **36.7924, -1.9632, 1.9990**.

A 20% lighter version of the original color is **59.2934, 45.3665, 21.4119**, and **21.7462, 37.5256, 11.8468** is the 20% darker color. If you saturate the color by 10%, you get **36.1477, 47.9576, 18.6851**, and if you desaturate by 10%, it is **42.3738, 34.7943, 14.7233**.

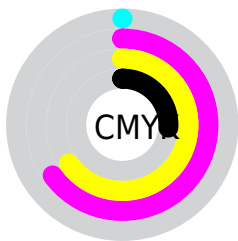
Distribution



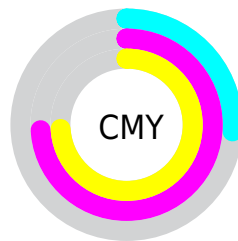
- Red (74%)
- Green (26%)
- Blue (26%)



- Red (74%)
- Yellow (26%)
- Blue (26%)



- Cyan (0%)
- Magenta (65%)
- Yellow (65%)
- Black (26%)




- Cyan (26%)
- Magenta (74%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 38.8698, 41.8148, 16.8214 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 38.8698, 41.8148, 16.8214 by changing the saturation by 10% instead.


 38.8698, 41.8148, 16.8214


 38.8698, 41.8148, 16.8214


149.6756, 53.9282, 35.1949


 29.8266, 39.9505, 14.3844


 59.1989, 45.2120, 21.3118


 21.6184, 38.0223, 11.7526

 70.3820, 46.7448, 23.4251

 14.3424, 36.1503, 10.0168


 82.1922, 48.1716, 25.4774

 8.0019, 35.8641, 5.6013

 94.5978, 49.4985, 27.4819

0.0000, INF, NaN

0.0000, NaN, NaN

 107.5715, 50.7319, 29.4488

0.0000, NaN, NaN

 121.0893, 51.8777,

0.0000, NaN, NaN

31.3861

0.0000, NaN, NaN

135.1303, 52.9415,
33.2998

■ 38.8698, 41.8148,
16.8214

■ 38.8698, 41.8148,
16.8214

■ 36.1477, 47.9576,
18.6851

■ 42.3738, 34.7943,
14.7233

■ 34.2696, 52.6319,
20.1156

■ 46.5572, 27.4314,
12.5577

■ 33.2284, 55.4026,
20.9686

■ 51.3167, 20.0748,
10.4355

■ 32.8923, 56.3271,
21.2542

■ 56.5579, 12.9148,
8.4140

■ 62.2016, 6.0305,
6.5138

■ 68.1842, -0.5635,
4.7353

■ 74.4548, -6.8846,
3.0691

■ 80.9735, -12.9637,
1.5018

■ 87.7085, -18.8349,
0.0198

Harmonies

Analogous

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



38.8709, 49.2314, 1.2717



38.8698, 41.8148, 16.8214



38.8709, 22.0645, 23.0866

Triad

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



38.8709, 41.8114, 16.8221



38.8709, -31.7842, 17.6047



38.8709, -2.9498, -62.4299

Complementary

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



38.8698, 41.8148, 16.8214



64.2061, -29.9916, -5.4192

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.



38.8709, -21.4660, -49.6548



38.8698, 41.8148, 16.8214



38.8709, -35.6896, 2.9414

Square

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



38.8709, 41.8114, 16.8221



38.8709, -20.2504, 23.3320



38.8709, -32.3697, -22.3598



38.8709, 20.2060, -51.4290

Rectangle

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



38.8698, 41.8148, 16.8214



38.8709, 6.3916, 24.4119



38.8709, -32.3697, -22.3598



38.8709, -9.8758, -60.6896

Sweetspot

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



38.8709, 41.8114, 16.8221



79.2236, 12.8505, 10.0294



42.8828, 58.6534, -39.1129



35.7642, 7.1684, 4.9859



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.



38.8709, 41.8114, 16.8221



47.1885, 67.0712, 25.8887



51.4979, 12.5590, 26.0184



30.8812, 1.0449, 2.5805



26.9805, 46.2029, 17.4341



5.3402, 9.1433, 3.4507

Inverse Universe

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



64.2061, -29.9916, -5.4192



85.1690, -43.0952, -8.2996



44.8783, -2.6232, -35.9964



32.8778, -4.2833, 0.9384



51.9198, -27.5234, -5.4802



10.2759, -5.4475, -1.0844

Previews

White Background



This preview shows how the HunterLab color 38.8698, 41.8148, 16.8214 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 38.8698, 41.8148, 16.8214 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 38.8698, 41.8148, 16.8214 Background



This preview shows how black text looks on a background with the HunterLab color 38.8698, 41.8148, 16.8214.



This preview shows how white text looks on a background with the HunterLab color 38.8698, 41.8148,

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

38.8698, 41.8148, 16.8214

Protanopia

39.1711, -3.0840, 11.6962

Deuteranopia

39.0044, 2.3966, 17.5780



Tritanopia

38.9165, 42.0178, 16.1380

Trichromacy



Original Color

38.8698, 41.8148, 16.8214

Protanomaly

37.6884, 12.5791, 12.3982

Deuteranomaly

37.9900, 16.5066, 16.5856

Tritanomaly

38.9006, 41.9490, 16.3695

Monochromacy



Original Color

38.8698, 41.8148, 16.8214

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

36.2199, 12.1802, 6.6979

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.8698, 41.8148, 16.8214 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, 66, 66)` looks like.

```
.text, #text, p{  
    color:rgb(189, 66, 66)  
}
```

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, 66, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 66, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 38.8698, 41.8148, 16.8214 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, 66, 66) }
```


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

```
.border{ border-color:rgb(189, 66, 66) }
```

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

Here you see how a box with a 4 pixel rgb(189, 66, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 66, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 66, 66);  
box-shadow:4px 4px 4px 4px rgb(189, 66,  
66) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.8698, 41.8148, 16.8214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 66, 66) }
```

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

```
.background{ background-color: rgb(189, 66,  
66) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor