

Converting Colors

HunterLab(58.0738, -38.0160,
22.0186)

Have a look what the booklet for
HunterLab(58.0738, -38.0160,
22.0186) contains.

HunterLab(58.0738, -38.0160, 22.0186)	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(58.0738,
-38.0160, 22.0186)**

Conversions

Conversions Part 1

Format	Color
Hex	46B167
RGB	70, 177, 103
RGB Percent	27%, 69%, 40%
CMY	0.7255, 0.3059, 0.5961
CMYK	0.60, 0.00, 0.42, 0.31
HSL	139°, 43%, 48%
HSV	139°, 60%, 69%
XYZ	20.6961, 33.7257, 18.2508
YIQ	136.5710, -40.0180, -45.6980

Conversions

Conversions Part 2

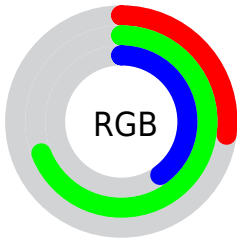
Format	Color
RYB	70, 152, 177
Decimal	4632935
CIELab	64.75, -47.23, 28.94
CIELCh	65, 55.392, 148.501
Yxy	33.7270, 0.2848, 0.4641
Android (android.graphics.Color)	4282823015 (0xFF46B167)
YUV	136.5710, -16.5505, -58.3828
Hunter-Lab	58.0738, -38.0160, 22.0186

Details

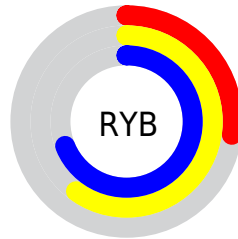
The HunterLab color **58.0738, -38.0160, 22.0186** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **39.6758, 44.6462, -14.2016**, and the grayscale version is **49.9215, -2.6637, 2.7123**.

A 20% lighter version of the original color is **81.1181, -44.6038, 26.5379**, and **37.9898, -30.0734, 17.4358** is the 20% darker color. If you saturate the color by 10%, you get **57.3889, -41.2326, 24.4714**, and if you desaturate by 10%, it is **58.9484, -34.0360, 19.3403**.

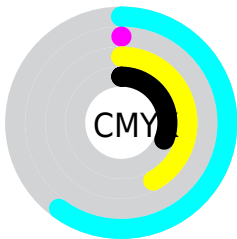
Distribution



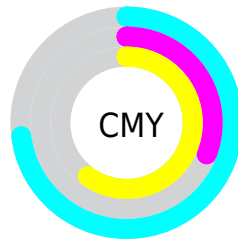
- Red (27%)
- Green (69%)
- Blue (40%)



- Red (27%)
- Yellow (60%)
- Blue (69%)



- Cyan (60%)
- Magenta (0%)
- Yellow (42%)
- Black (31%)



- Cyan (73%)
- Magenta (31%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.0738, -38.0160, 22.0186 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 58.0738, -38.0160, 22.0186 by changing the saturation by 10% instead.

■ 58.0738, -38.0160,
22.0186

■ 58.0738, -38.0160,
22.0186

178.5814,
-64.2048, 40.4887

■ 47.6277, -34.5748,
19.6963

■ 80.9376, -44.4316,
26.4132

■ 37.8950, -30.9170,
17.2552

■ 93.2827, -47.4639,
28.5199

■ 28.9339, -26.9723,
14.6556

■ 106.1985,
-50.4068, 30.5826

■ 20.8176, -22.6301,
11.8397

■ 119.6609,
-53.2751, 32.6101

■ 13.6453, -18.6651,
9.5517

■ 133.6485,
-56.0805, 34.6095

■ 7.2480, -12.6840,
5.0736

148.1422,

0.0000, NaN, NaN

-58.8323, 36.5861

0.0000, NaN, NaN

163.1250,
-61.5383, 38.5447

0.0000, NaN, NaN

■ 58.0738, -38.0160,
22.0186

■ 58.0738, -38.0160,
22.0186

■ 57.3889, -41.2326,
24.4714

■ 58.9484, -34.0360,
19.3403

■ 56.8801, -43.6923,
26.6691

■ 60.0152, -29.3073,
16.4679

■ 56.5336, -45.4353,
28.5896

■ 61.2776, -23.8687,
13.4373

■ 56.3183, -46.5693,
30.1367

■ 62.7351, -17.7735,
10.2847

■ 64.3846, -11.0858,
7.0454

■ 66.2208, -3.8750,
3.7522

■ 68.2370, 3.7883,
0.4344

■ 70.4257, 11.8357,
-2.8829

■ 72.7782, 20.2036,
-6.1792

Harmonies

Analogous

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



58.0750, -23.8884, 30.3404



58.0738, -38.0160, 22.0186



58.0750, -43.0443, 4.3195

Triad

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



58.0750, -38.0168, 22.0190



58.0750, -4.3272, -61.7278



58.0750, 44.2925, 20.7178

Complementary

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



58.0738, -38.0160, 22.0186



39.6758, 44.6462, -14.2016

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.



58.0750, 51.8047, 1.9785



58.0738, -38.0160, 22.0186



58.0750, 21.0944, -51.5210

Square

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



58.0750, -38.0168, 22.0190



58.0750, -25.6941, -49.4053



58.0750, 42.6996, -25.4182



58.0750, 23.5782, 29.8374

Rectangle

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



58.0738, -38.0160, 22.0186



58.0750, -41.3198, -12.9080



58.0750, 42.6996, -25.4182



58.0750, 48.5826, 15.6444

Sweetspot

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



58.0750, -38.0168, 22.0190



84.4068, -21.9298, 12.8421



61.5619, -25.1311, 31.9134



39.0153, -11.3532, 6.5478



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



58.0750, -38.0168, 22.0190



76.5149, -56.5457, 33.9068



59.2744, -30.8062, 4.7006



30.8737, -4.9236, 3.1920



47.9471, -39.5752, 25.5019



8.5678, -6.6287, 3.6006

Inverse Universe

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



39.6758, 44.6462, -14.2016



48.3626, 71.1663, -20.4803



38.0661, 37.6169, 8.5568



29.3278, 1.8482, 0.0922



27.9446, 51.5659, -10.7007



5.0554, 9.4980, -3.2483

Previews

White Background



This preview shows how the HunterLab color 58.0738, -38.0160, 22.0186 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 58.0738, -38.0160, 22.0186 looks on a black 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 58.0738, -38.0160, 22.0186 Background



This preview shows how black text looks on a background with the HunterLab color 58.0738, -38.0160, 22.0186.



This preview shows how white text looks on a background with the HunterLab color 58.0738,

-38.0160, 22.0186.

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

58.0738, -38.0160, 22.0186

Protanopia

57.5753, -6.1002, 24.2220

Deuteranopia

57.4788, 4.2457, 20.5686



Tritanopia

58.0247, -18.9226, -9.2461

Trichromacy



Original Color

58.0738, -38.0160, 22.0186



Protanomaly

57.0097, -20.5153, 22.7525



Deuteranomaly

56.3801, -14.5961, 19.8577



Tritanomaly

57.7555, -26.7152, 4.1833

Monochromacy



Original Color

58.0738, -38.0160, 22.0186



Achromatopsia

50.0158, -2.6687, 2.7175



Achromatomaly

52.3907, -17.6136, 10.0175

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.0738, -38.0160, 22.0186 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(70, 177, 103)` looks like.

```
.text, #text, p{  
    color:rgb(70, 177, 103)  
}
```

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(70, 177, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 177, 103) }
```

Border

The CSS property to change the border of an element to HunterLab 58.0738, -38.0160, 22.0186 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(70, 177, 103) }
```


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

```
.border{ border-color:rgb(70, 177, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 177, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 177, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 177, 103);  
box-shadow:4px 4px 4px 4px rgb(70, 177,  
103) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.0738, -38.0160, 22.0186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 177, 103) }
```

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

```
.background{ background-color: rgb(70, 177,  
103) }
```

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