

Converting Colors

HunterLab(78.0050, -58.1867,
30.6738)

Have a look what the booklet for
HunterLab(78.0050, -58.1867,
30.6738) contains.

HunterLab(78.0011, -58.2085, 30.7230)	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(78.0011,
-58.2085, 30.7230)**

Conversions

Conversions Part 1

Format	Color
Hex	23EA83
RGB	35, 234, 131
RGB Percent	14%, 92%, 51%
CMY	0.8627, 0.0823, 0.4863
CMYK	0.85, 0.00, 0.44, 0.08
HSL	149°, 83%, 53%
HSV	149°, 85%, 92%
XYZ	34.2127, 60.8417, 31.4133
YIQ	162.7570, -85.5410, -74.2210

Conversions

Conversions Part 2

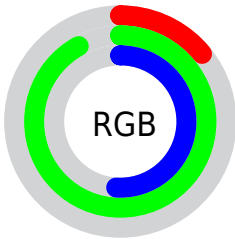
Format	Color
RYB	35, 169, 234
Decimal	2353795
CIELab	82.29, -68.00, 37.32
CIELCh	82, 77.571, 151.244
Yxy	60.8442, 0.2705, 0.4811
Android (android.graphics.Color)	4280543875 (0xFF23EA83)
YUV	162.7570, -15.6562, -112.0429
Hunter-Lab	78.0011, -58.2085, 30.7230

Details

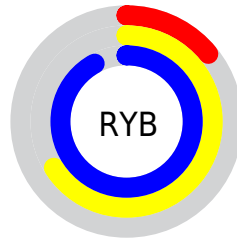
The HunterLab color **78.0011, -58.2085, 30.7230** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **45.3109, 74.8261, -2.2363**, and the grayscale version is **60.5084, -3.2286, 3.2875**.

A 20% lighter version of the original color is **88.8112, -50.9296, 23.1915**, and **56.5893, -44.8714, 26.1329** is the 20% darker color. If you saturate the color by 10%, you get **77.6226, -60.1982, 33.4721**, and if you desaturate by 10%, it is **78.5789, -55.3735, 27.8084**.

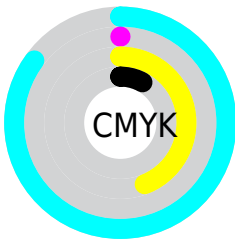
Distribution



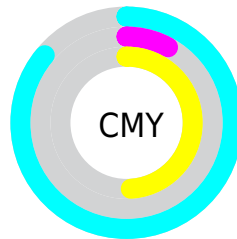
- Red (14%)
- Green (92%)
- Blue (51%)



- Red (14%)
- Yellow (66%)
- Blue (92%)



- Cyan (85%)
- Magenta (0%)
- Yellow (44%)
- Black (8%)





- Cyan (86%)
- Magenta (8%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 78.0011, -58.2085, 30.7230 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 78.0011, -58.2085, 30.7230 by changing the saturation by 10% instead.


 78.0011, -58.2085,
30.7230


 78.0011, -58.2085,
30.7230


206.8097,
-92.0600, 52.2081


 66.4074, -53.7935,
28.0451


 102.9822,
-66.4984, 35.8283

 55.4515, -49.1440,
25.2558


 116.3127,
-70.4285, 38.2839


 45.1747, -44.2038,
22.3274


 130.1734,
-74.2435, 40.6894

 35.6253, -38.8936,
19.2223

 144.5448,
-77.9594, 43.0531

 26.8636, -33.0990,
15.8903

 159.4092,
-81.5891, 45.3818

 18.9681, -26.7403,
13.0326

174.7509,

 12.0469, -21.0821,

-85.1433, 47.6809

8.4328

190.5555,
-88.6311, 49.9550

■ 5.0404, -8.8208,
3.5283

0.0000, NaN, NaN

■ 78.0011, -58.2085,
30.7230

■ 78.0011, -58.2085,
30.7230

■ 77.6226, -60.1982,
33.4721

■ 78.5789, -55.3735,
27.8084

■ 77.4839, -60.9613,
34.7498

■ 79.3772, -51.6079,
24.7707

■ 80.4154, -46.8759,
21.6546

■ 81.7052, -41.1774,
18.5039

■ 83.2530, -34.5432,
15.3607

■ 85.0608, -27.0275,
12.2640

■ 87.1268, -18.7023,
9.2485

■ 89.4464, -9.6503,
6.3433

■ 92.0121, 0.0406,
3.5717

Harmonies

Analogous

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



78.0027, -38.4015, 43.2467



78.0011, -58.2085, 30.7230



78.0027, -64.3469, 2.7296

Triad

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



78.0027, -58.2093, 30.7235



78.0027, -2.5817, -101.3440



78.0027, 68.2151, 32.2701

Complementary

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



78.0011, -58.2085, 30.7230



45.3109, 74.8261, -2.2363

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.



78.0027, 82.6184, 5.7323



78.0011, -58.2085, 30.7230



78.0027, 37.2298, -81.0242

Square

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



78.0027, -58.2093, 30.7235



78.0027, -36.1454, -83.9512



78.0027, 70.3333, -36.8814



78.0027, 33.9730, 43.7939

Rectangle

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



78.0011, -58.2085, 30.7230



78.0027, -61.0115, -25.1937



78.0027, 70.3333, -36.8814



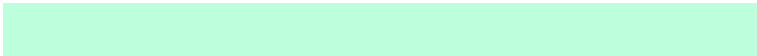
78.0027, 75.8011, 25.3749

Sweetspot

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



78.0027, -58.2093, 30.7235



93.5436, -30.7362, 13.8856



80.4016, -50.2658, 47.4902



42.9466, -15.5870, 6.9713

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



78.0027, -58.2093, 30.7235



85.4110, -67.2613, 38.4415



80.4810, -43.1788, -4.8997



41.2107, -6.4070, 3.5501



58.1049, -45.5630, 25.7313



16.3416, -12.3999, 6.3423

Inverse Universe

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



45.3109, 74.8261, -2.2363



47.8807, 85.4757, 3.9742



43.4283, 67.6354, 24.9998



38.9670, 2.3110, 0.8866



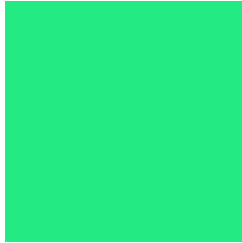
32.6079, 58.3045, 1.9820



9.2432, 16.7217, -0.9454

Previews

White Background



This preview shows how the HunterLab color 78.0011, -58.2085, 30.7230 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 78.0011, -58.2085, 30.7230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

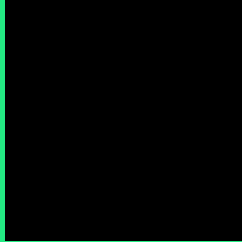
Any Text WCAG AA ✓ Pass

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 78.0011, -58.2085, 30.7230 Background



This preview shows how black text looks on a background with the HunterLab color 78.0011, -58.2085, 30.7230.



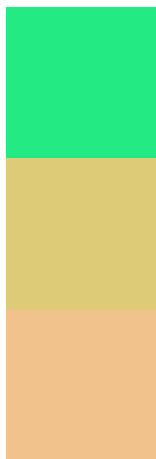
This preview shows how white text looks on a background with the HunterLab color 78.0011, -58.2085, 30.7230.

-58.2085, 30.7230.

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

78.0011, -58.2085, 30.7230

Protanopia

77.1838, -8.3149, 34.0081

Deuteranopia

77.0610, 5.7861, 28.1978



Tritanopia

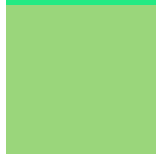
77.9422, -30.7884, -14.6305

Trichromacy



Original Color

78.0011, -58.2085, 30.7230



Protanomaly

75.0954, -34.0842, 30.8818



Deuteranomaly

74.5805, -26.9968, 26.6688



Tritanomaly

77.3967, -42.6842, 5.0843

Monochromacy



Original Color

78.0011, -58.2085, 30.7230



Achromatopsia

60.5188, -3.2291, 3.2881



Achromatomaly

65.0712, -28.8754, 12.9141

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 78.0011, -58.2085, 30.7230 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(35, 234, 131)` looks like.

```
.text, #text, p{  
    color:rgb(35, 234, 131)  
}
```

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(35, 234, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 234, 131) }
```

Border

The CSS property to change the border of an element to HunterLab 78.0011, -58.2085, 30.7230 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(35, 234, 131) }
```


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

```
.border{ border-color:rgb(35, 234, 131) }
```

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

Here you see how a box with a 4 pixel rgb(35, 234, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 234, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 234, 131);  
box-shadow:4px 4px 4px 4px rgb(35, 234,  
131) }
```

Background

The CSS property to change the background color of an element to HunterLab 78.0011, -58.2085, 30.7230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 234, 131) }
```

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

```
.background{ background-color: rgb(35, 234,  
131) }
```

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