

Converting Colors

HunterLab(66.5247, -34.4571,
8.1918)

Have a look what the booklet for
HunterLab(66.5247, -34.4571,
8.1918) contains.

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Color

**HunterLab(66.5276,
-34.4458, 8.2394)**

Conversions

Conversions Part 1

Format	Color
Hex	57C4A6
RGB	87, 196, 166
RGB Percent	34%, 77%, 65%
CMY	0.6588, 0.2314, 0.3490
CMYK	0.56, 0.00, 0.15, 0.23
HSL	163°, 48%, 55%
HSV	163°, 56%, 77%
XYZ	30.5533, 44.2592, 43.0089
YIQ	159.9890, -55.3340, -32.4380

Conversions

Conversions Part 2

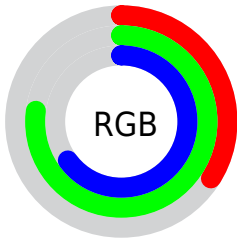
Format	Color
RYB	87, 150, 196
Decimal	5751974
CIELab	72.40, -38.53, 5.67
CIELCh	72, 38.944, 171.625
Yxy	44.2610, 0.2593, 0.3756
Android (android.graphics.Color)	4283942054 (0xFF57C4A6)
YUV	159.9890, 2.9634, -64.0114
Hunter-Lab	66.5276, -34.4458, 8.2394

Details

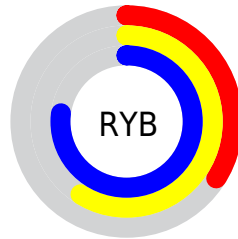
The HunterLab color **66.5276, -34.4458, 8.2394** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **44.5395, 39.8236, 5.7368**, and the grayscale version is **59.2915, -3.1636, 3.2214**.

A 20% lighter version of the original color is **90.2722, -39.6250, 10.0028**, and **45.4302, -28.9673, 6.7105** is the 20% darker color. If you saturate the color by 10%, you get **65.7634, -37.7793, 9.6263**, and if you desaturate by 10%, it is **67.4819, -30.4194, 7.0242**.

Distribution



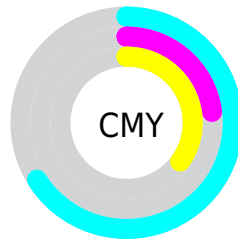
- Red (34%)
- Green (77%)
- Blue (65%)



- Red (34%)
- Yellow (59%)
- Blue (77%)



- Cyan (56%)
- Magenta (0%)
- Yellow (15%)
- Black (23%)



- Cyan (66%)
- Magenta (23%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.5276, -34.4458, 8.2394 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 66.5276, -34.4458, 8.2394 by changing the saturation by 10% instead.

■ 66.5276, -34.4458,
8.2394

■ 66.5276, -34.4458,
8.2394

190.7281,
-56.4292, 17.0688

■ 55.5659, -31.6751,
7.3535

■ 90.3384, -39.6987,
10.0677

■ 45.2816, -28.7716,
6.4831

■ 103.1228,
-42.2160, 11.0098

■ 35.7241, -25.6950,
5.6265

■ 116.4592,
-44.6778, 11.9713

■ 26.9535, -22.3836,
4.7795

■ 130.3255,
-47.0938, 12.9522

■ 19.0482, -18.7386,
3.9342

144.7022,
-49.4712, 13.9525

■ 12.1157, -15.8325,
3.0748

159.5719,

■ 5.1573, -9.0253,

-51.8164, 14.9722

3.6101

174.9187,
-54.1343, 16.0110

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.5276, -34.4458,
8.2394

■ 66.5276, -34.4458,
8.2394

■ 65.7634, -37.7793,
9.6263

■ 67.4819, -30.4194,
7.0242

■ 65.1756, -40.4273,
11.1583

■ 68.6283, -25.7105,
5.9974

■ 64.7512, -42.4249,
12.8069

■ 69.9711, -20.3492,
5.1738

■ 64.4697, -43.8395,
14.5370

■ 71.5101, -14.3783,
4.5618

■ 64.3708, -44.3576,

■ 73.2431, -7.8501,

15.2975

4.1651

■ 75.1657, -0.8223,
3.9831

■ 77.2722, 6.6456,
4.0113

■ 79.5558, 14.4945,
4.2423

■ 81.0091, 19.5035,
3.4243

Harmonies

Analogous

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



66.5289, -28.5685, 20.9885



66.5276, -34.4458, 8.2394



66.5289, -32.7651, -9.6892

Triad

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



66.5289, -34.4464, 8.2402



66.5289, 9.6868, -34.8272



66.5289, 19.3231, 24.6057

Complementary

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



66.5276, -34.4458, 8.2394



44.5395, 39.8236, 5.7368

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.



66.5289, 31.7715, 14.6471



66.5276, -34.4458, 8.2394



66.5289, 25.8093, -20.2294

Square

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



66.5289, -34.4464, 8.2402



66.5289, -8.5194, -37.8753



66.5289, 34.2635, -1.3544



66.5289, 1.5627, 28.6519

Rectangle

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



66.5276, -34.4458, 8.2394



66.5289, -27.4967, -22.1678



66.5289, 34.2635, -1.3544



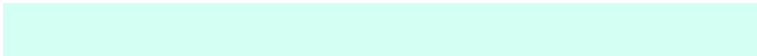
66.5289, 24.3426, 21.9877

Sweetspot

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



66.5289, -34.4464, 8.2402



95.8855, -20.7363, 6.2562



66.3424, -38.2956, 32.1505



44.1597, -10.3696, 2.9658

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.5289, -34.4464, 8.2402



88.2975, -51.8013, 13.4427



59.7198, -18.6631, -15.3783



33.7337, -4.8156, 1.9935



51.6126, -35.4662, 12.0502



10.7801, -7.0565, 1.7587

Inverse Universe

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



44.5395, 39.8236, 5.7368



54.0994, 65.4522, 10.8801



48.6935, 25.2342, 19.4665



31.8158, 1.4622, 1.6556



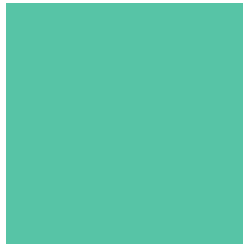
27.7925, 48.2558, 12.8410



5.8806, 10.4107, 1.1641

Previews

White Background



This preview shows how the HunterLab color 66.5276, -34.4458, 8.2394 looks on a white background.

Color Contrast Check

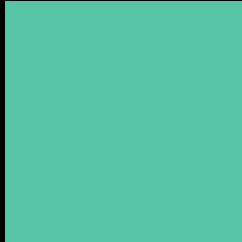
Large Text (above 18pt) WCAG AA × Fail

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 66.5276, -34.4458, 8.2394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

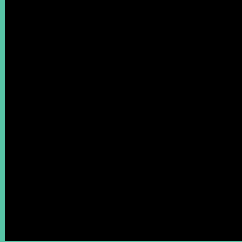
Any Text WCAG AA ✓ Pass

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 66.5276, -34.4458, 8.2394 Background



This preview shows how black text looks on a background with the HunterLab color 66.5276, -34.4458, 8.2394.



This preview shows how white text looks on a background with the HunterLab color 66.5276, -34.4458, 8.2394.

-34.4458, 8.2394.

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

66.5276, -34.4458, 8.2394

Protanopia

66.0360, -4.1725, 12.7756

Deuteranopia

66.0819, 4.3417, 6.2272



Tritanopia

66.3268, -22.3918, -11.7192

Trichromacy



Original Color

66.5276, -34.4458, 8.2394



Protanomaly

65.3909, -17.2939, 10.2502



Deuteranomaly

65.2495, -12.4396, 5.8809



Tritanomaly

66.2524, -27.1046, -3.7605

Monochromacy



Original Color

66.5276, -34.4458, 8.2394



Achromatopsia

59.2902, -3.1636, 3.2213



Achromatomaly

61.2228, -16.3545, 4.3356

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.5276, -34.4458, 8.2394 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(87, 196, 166)` looks like.

```
.text, #text, p{  
    color:rgb(87, 196, 166)  
}
```

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(87, 196, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 196, 166) }
```

Border

The CSS property to change the border of an element to HunterLab 66.5276, -34.4458, 8.2394 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(87, 196, 166) }
```


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

```
.border{ border-color:rgb(87, 196, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 196, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 196, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 196, 166);  
box-shadow:4px 4px 4px 4px rgb(87, 196,  
166) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.5276, -34.4458, 8.2394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 196, 166) }
```

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

```
.background{ background-color: rgb(87, 196,  
166) }
```

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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