

Converting Colors

HunterLab(66.4896, -21.0247,
8.4528)

Have a look what the booklet for
HunterLab(66.4896, -21.0247,
8.4528) contains.

HunterLab(66.4895, -21.0157, 8.4326)	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(66.4895,
-21.0157, 8.4326)**

Conversions

Conversions Part 1

Format	Color
Hex	8BBCA6
RGB	139, 188, 166
RGB Percent	55%, 74%, 65%
CMY	0.4549, 0.2627, 0.3490
CMYK	0.26, 0.00, 0.12, 0.26
HSL	153°, 27%, 64%
HSV	153°, 26%, 74%
XYZ	35.5136, 44.2085, 42.7377
YIQ	170.8410, -22.1420, -17.2300

Conversions

Conversions Part 2

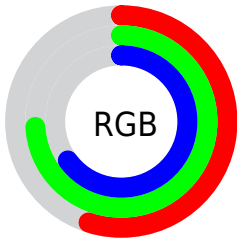
Format	Color
RYB	139, 171, 188
Decimal	9157798
CIELab	72.37, -20.77, 5.92
CIELCh	72, 21.598, 164.082
Yxy	44.2104, 0.2900, 0.3610
Android (android.graphics.Color)	4287347878 (0xFF8BBCA6)
YUV	170.8410, -2.3866, -27.9246
Hunter-Lab	66.4895, -21.0157, 8.4326

Details

The HunterLab color $66.4895, -21.0157, 8.4326$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $56.3301, 16.7868, -0.4875$, and the grayscale version is $63.7669, -3.4024, 3.4646$.

A 20% lighter version of the original color is $90.1439, -24.3002, 10.1280$, and $45.4066, -17.6412, 6.8833$ is the 20% darker color. If you saturate the color by 10%, you get $65.1375, -26.5970, 10.4085$, and if you desaturate by 10%, it is $68.0370, -14.8333, 6.5706$.

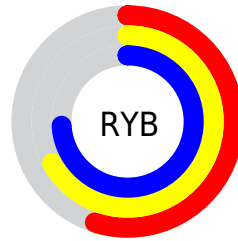
Distribution



Red (55%)

Green (74%)

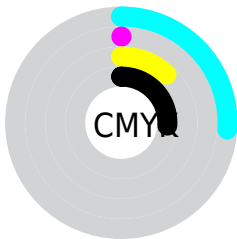
Blue (65%)



Red (55%)

Yellow (67%)

Blue (74%)

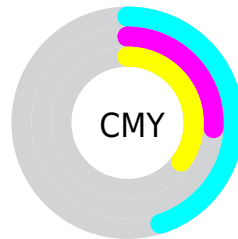


Cyan (26%)

Magenta (0%)

Yellow (12%)

Black (26%)



Cyan (45%)

Magenta (26%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.4895, -21.0157, 8.4326 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 66.4895, -21.0157, 8.4326 by changing the saturation by 10% instead.

■ 66.4895, -21.0157,
8.4326

■ 66.4895, -21.0157,
8.4326

190.6741,
-35.6994, 17.3554

■ 55.5301, -19.2973,
7.5335

■ 90.2963, -24.3628,
10.2851

■ 45.2481, -17.5310,
6.6489

■ 103.0788,
-26.0052, 11.2384

■ 35.6932, -15.6998,
5.7768

■ 116.4133,
-27.6344, 12.2105

■ 26.9254, -13.7756,
4.9126

130.2779,
-29.2546, 13.2016

■ 19.0231, -11.7124,
4.0477

144.6529,
-30.8689, 14.2117

■ 12.0942, -9.4391,
3.1652

159.5210,

■ 5.1210, -8.9618,

-32.4798, 15.2408

3.5847

174.8662,
-34.0894, 16.2887

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.4895, -21.0157,
8.4326

■ 66.4895, -21.0157,
8.4326

■ 65.1375, -26.5970,
10.4085

■ 68.0370, -14.8333,
6.5706

■ 63.9778, -31.5244,
12.4747

■ 69.7729, -8.1043,
4.8366

■ 63.0098, -35.7626,
14.6071

■ 71.6937, -0.8919,
3.2435

■ 62.2284, -39.2924,
16.7774

■ 73.7930, 6.7409,
1.7992

■ 61.6246, -42.1163,

■ 76.0635, 14.7330,

18.9548

0.5077

■ 61.1852, -44.2630,
21.1066

■ 78.4974, 23.0274,
-0.6301

■ 60.8896, -45.7985,
23.1975

■ 79.1639, 25.6748,
-4.1702

■ 60.7941, -46.3107,
23.9841

■ 79.4618, 27.1914,
-8.3794

■ 79.7730, 28.7704,
-12.7607

Harmonies

Analogous

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



66.4909, -16.3814, 15.4420



66.4895, -21.0157, 8.4326



66.4909, -21.1589, -0.9772

Triad

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



66.4909, -21.0168, 8.4335



66.4909, 1.1824, -16.6322



66.4909, 10.8021, 15.1073

Complementary

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



66.4895, -21.0157, 8.4326



56.3301, 16.7868, -0.4875

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.



66.4909, 16.1035, 7.9094



66.4895, -21.0157, 8.4326



66.4909, 10.3319, -10.8739

Square

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



66.4909, -21.0168, 8.4335



66.4909, -8.7327, -16.4366



66.4909, 15.9265, -1.5842



66.4909, 1.7937, 18.8892

Rectangle

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



66.4895, -21.0157, 8.4326



66.4909, -18.7097, -7.4441



66.4909, 15.9265, -1.5842



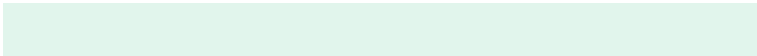
66.4909, 13.0998, 13.0575

Sweetspot

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



66.4909, -21.0168, 8.4335



93.4252, -12.8380, 6.9783



67.3904, -18.9951, 19.7026



43.1565, -6.5985, 3.3968



97.7295, -5.2146, 5.3098



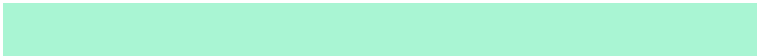
44.2712, -2.3622, 2.4053

Same Dimension

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



66.4909, -21.0168, 8.4335



88.4865, -32.4870, 12.7833



66.3703, -16.1265, -1.8887



32.7647, -4.9137, 2.5538



50.1775, -38.1184, 19.5691



9.9962, -7.1420, 2.9230

Inverse Universe

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



56.3301, 16.7868, -0.4875



72.1324, 28.5205, -1.4867



56.3375, 12.2777, 9.2231



30.9930, 1.6477, 0.9825



27.8101, 49.2609, 5.2941



5.6226, 10.1803, -0.6411

Previews

White Background



This preview shows how the HunterLab color 66.4895, -21.0157, 8.4326 looks on a white background.

Color Contrast Check

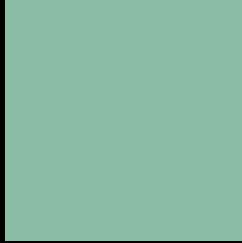
Large Text (above 18pt) WCAG AA × Fail

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 66.4895, -21.0157, 8.4326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

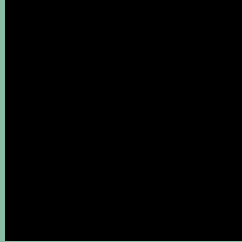
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

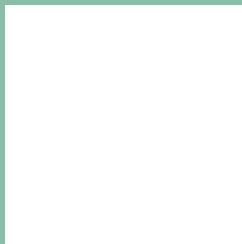
Any Text WCAG AAA ✓ Pass

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

HunterLab 66.4895, -21.0157, 8.4326 Background



This preview shows how black text looks on a background with the HunterLab color 66.4895, -21.0157, 8.4326.



This preview shows how white text looks on a background with the HunterLab color 66.4895,

-21.0157, 8.4326.

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

66.4895, -21.0157, 8.4326

Protanopia

66.1658, -3.4613, 10.9088

Deuteranopia

66.2559, 4.8680, 6.8799



Tritanopia

66.3053, -11.5715, -7.1190

Trichromacy



Original Color

66.4895, -21.0157, 8.4326

Protanomaly

66.0121, -10.0868, 9.7982

Deuteranomaly

65.9841, -5.1323, 6.8411

Tritanomaly

66.3948, -15.2672, -0.8384

Monochromacy



Original Color

66.4895, -21.0157, 8.4326

Achromatopsia

63.8154, -3.4050, 3.4672

Achromatomaly

64.5599, -10.1772, 5.1312

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.4895, -21.0157, 8.4326 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(139, 188, 166)` looks like.

```
.text, #text, p{  
    color:rgb(139, 188, 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(139, 188, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 188, 166) }
```

Border

The CSS property to change the border of an element to HunterLab 66.4895, -21.0157, 8.4326 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(139, 188, 166) }
```


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

```
.border{ border-color:rgb(139, 188, 166) }
```

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

Here you see how a box with a 4 pixel rgb(139, 188, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 188, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 188, 166);  
box-shadow:4px 4px 4px 4px rgb(139, 188,  
166) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.4895, -21.0157, 8.4326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 188, 166) }
```

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

```
.background{ background-color: rgb(139,  
188, 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](#).

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