

Converting Colors

HunterLab(64.1347, -18.3123,
1.9595)

Have a look what the booklet for
HunterLab(64.1347, -18.3123,
1.9595) contains.

HunterLab(64.0385, -18.1894, 2.0667)	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(64.0385,
-18.1894, 2.0667)**

Conversions

Conversions Part 1

Format	Color
Hex	84B5AE
RGB	132, 181, 174
RGB Percent	52%, 71%, 68%
CMY	0.4823, 0.2902, 0.3176
CMYK	0.27, 0.00, 0.04, 0.29
HSL	171°, 25%, 61%
HSV	171°, 27%, 71%
XYZ	33.6796, 41.0093, 46.1849
YIQ	165.5510, -26.9570, -12.5650

Conversions

Conversions Part 2

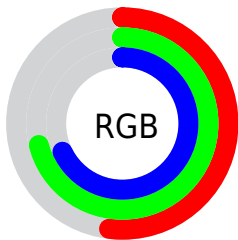
Format	Color
RYB	132, 158, 181
Decimal	8697262
CIELab	70.18, -17.66, -1.68
CIELCh	70, 17.739, 185.435
Yxy	41.0110, 0.2786, 0.3393
Android (android.graphics.Color)	4286887342 (0xFF84B5AE)
YUV	165.5510, 4.1654, -29.4242
Hunter-Lab	64.0385, -18.1894, 2.0667

Details

The HunterLab color **64.0385, -18.1894, 2.0667** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.0956, 14.5577, 5.6946**, and the grayscale version is **61.5594, -3.2847, 3.3446**.

A 20% lighter version of the original color is **87.5583, -21.3744, 3.3827**, and **43.1194, -14.9148, 0.9915** is the 20% darker color. If you saturate the color by 10%, you get **62.9096, -22.5818, 1.8623**, and if you desaturate by 10%, it is **65.3459, -13.2420, 2.4890**.

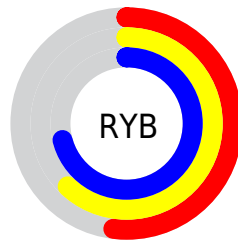
Distribution



Red (52%)

Green (71%)

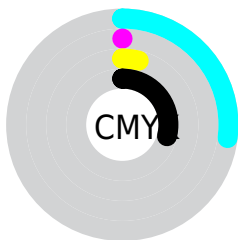
Blue (68%)



Red (52%)

Yellow (62%)

Blue (71%)

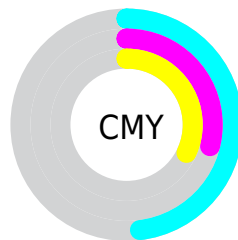


Cyan (27%)

Magenta (0%)

Yellow (4%)

Black (29%)



Cyan (48%)

Magenta (29%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.0385, -18.1894, 2.0667 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 64.0385, -18.1894, 2.0667 by changing the saturation by 10% instead.

■ 64.0385, -18.1894,
2.0667

■ 64.0385, -18.1894,
2.0667

187.1808,
-31.6405, 8.1726

■ 53.2237, -16.6415,
1.5617

■ 87.5788, -21.2216,
3.1963

■ 43.0962, -15.0570,
1.0988

■ 100.2375,
-22.7174, 3.8143

■ 33.7076, -13.4208,
0.6828

■ 113.4534,
-24.2064, 4.4656

■ 25.1215, -11.7080,
0.3191

127.2038,
-25.6916, 5.1486

■ 17.4213, -9.8765,
0.0150

141.4689,
-27.1758, 5.8620

■ 10.7240, -8.1067,
-0.2183

156.2306,

■ 1.4257, -2.4950,

-28.6609, 6.6045

-4.8072

171.4728,
-30.1487, 7.3750

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.0385, -18.1894,
2.0667

■ 64.0385, -18.1894,
2.0667

■ 62.9096, -22.5818,
1.8623

■ 65.3459, -13.2420,
2.4890

■ 61.9543, -26.3852,
1.8730

■ 66.8267, -7.7777,
3.1220

■ 61.1706, -29.5819,
2.0950

■ 68.4791, -1.8443,
3.9589

■ 60.5519, -32.1693,
2.5183


■ 70.2986, 4.5081,
4.9893


■ 60.0888, -34.1632,


■ 72.2797, 11.2287,


3.1270


6.2007


 59.7674, -35.6019,
3.8994


 74.4158, 18.2680,
7.5798

 59.5652, -36.5648,
4.8027

 76.2363, 24.1417,
8.5668

 59.5151, -36.8105,
5.0747

 76.3122, 24.5291,
7.4804

 76.3893, 24.9226,
6.3772

Harmonies

Analogous

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



64.0398, -16.9705, 9.3409



64.0385, -18.1894, 2.0667



64.0398, -15.6152, -5.7063

Triad

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



64.0398, -18.1903, 2.0676



64.0398, 5.8558, -9.7895



64.0398, 3.1796, 15.5429

Complementary

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



64.0385, -18.1894, 2.0667



53.0956, 14.5577, 5.6946

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.



64.0398, 9.7612, 11.4897



64.0385, -18.1894, 2.0667



64.0398, 11.3592, -2.9801

Square

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



64.0398, -18.1903, 2.0676



64.0398, -1.9396, -13.0750



64.0398, 12.8226, 4.8724



64.0398, -4.8879, 16.5433

Rectangle

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



64.0385, -18.1894, 2.0667



64.0398, -12.0139, -9.9448



64.0398, 12.8226, 4.8724



64.0398, 5.6516, 14.5192

Sweetspot

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



64.0398, -18.1903, 2.0676



89.2092, -11.2156, 4.0749



63.4307, -22.6525, 18.2837



41.3312, -5.7355, 1.8296



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



64.0398, -18.1903, 2.0676



84.8456, -27.6486, 2.5809



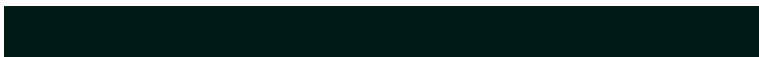
58.9410, -8.9434, -7.8143



31.0004, -4.2173, 1.3813



49.4215, -30.5150, 4.1005



8.7989, -5.2172, 0.2646

Inverse Universe

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



53.0956, 14.5577, 5.6946



67.4421, 24.6291, 8.4438



57.4747, 4.9934, 12.9830



29.1966, 1.1429, 1.9617



26.1337, 44.9744, 15.1843



4.7018, 8.2218, 1.7217

Previews

White Background



This preview shows how the HunterLab color 64.0385, -18.1894, 2.0667 looks on a white background.

Color Contrast Check

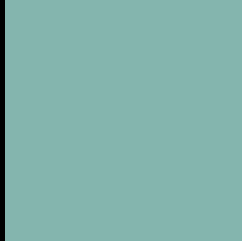
Large Text (above 18pt) WCAG AA × Fail

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 64.0385, -18.1894, 2.0667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

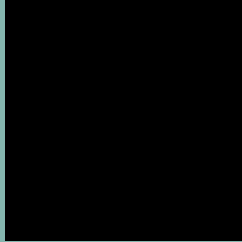
Any Text WCAG AA ✓ Pass

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 64.0385, -18.1894, 2.0667 Background



This preview shows how black text looks on a background with the HunterLab color 64.0385, -18.1894, 2.0667.



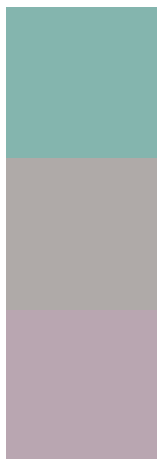
This preview shows how white text looks on a background with the HunterLab color 64.0385,

-18.1894, 2.0667.

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

64.0385, -18.1894, 2.0667

Protanopia

63.7892, -2.1572, 4.8359

Deuteranopia

63.8444, 4.5231, 0.7920



Tritanopia

63.9381, -12.5379, -7.0650

Trichromacy



Original Color

64.0385, -18.1894, 2.0667

Protanomaly

63.6752, -8.5794, 3.6750

Deuteranomaly

63.5353, -4.0754, 0.7491

Tritanomaly

63.9483, -14.5799, -3.4060

Monochromacy



Original Color

64.0385, -18.1894, 2.0667

Achromatopsia

61.7516, -3.2949, 3.3551

Achromatomaly

62.3381, -8.7268, 2.5590

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.0385, -18.1894, 2.0667 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(132, 181, 174)` looks like.

```
.text, #text, p{  
    color:rgb(132, 181, 174)  
}
```

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(132, 181, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 181, 174) }
```

Border

The CSS property to change the border of an element to HunterLab 64.0385, -18.1894, 2.0667 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(132, 181, 174) }
```


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

```
.border{ border-color:rgb(132, 181, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 181, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 181, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 181, 174);  
box-shadow:4px 4px 4px 4px rgb(132, 181,  
174) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.0385, -18.1894, 2.0667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 181, 174) }
```

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

```
.background{ background-color: rgb(132,  
181, 174) }
```

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