

Converting Colors

HunterLab(68.6177, -32.5054,
5.1185)

Have a look what the booklet for
HunterLab(68.6177, -32.5054,
5.1185) contains.

HunterLab(68.6034, -32.5799, 5.3013)	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(68.6034,
-32.5799, 5.3013)**

Conversions

Conversions Part 1

Format	Color
Hex	61C8B2
RGB	97, 200, 178
RGB Percent	38%, 78%, 70%
CMY	0.6196, 0.2157, 0.3020
CMYK	0.51, 0.00, 0.11, 0.22
HSL	167°, 48%, 58%
HSV	167°, 51%, 78%
XYZ	33.6199, 47.0643, 49.4318
YIQ	166.6950, -54.3260, -28.6780

Conversions

Conversions Part 2

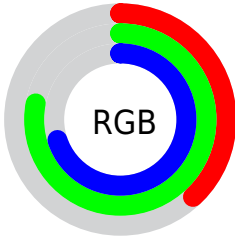
Format	Color
RYB	97, 155, 200
Decimal	6408370
CIELab	74.23, -35.32, 1.86
CIELCh	74, 35.367, 176.989
Yxy	47.0661, 0.2584, 0.3617
Android (android.graphics.Color)	4284598450 (0xFF61C8B2)
YUV	166.6950, 5.5734, -61.1225
Hunter-Lab	68.6034, -32.5799, 5.3013

Details

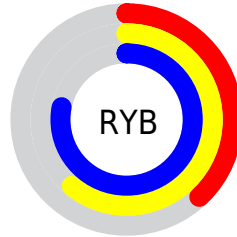
The HunterLab color **68.6034, -32.5799, 5.3013** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **47.0765, 36.7722, 7.6691**, and the grayscale version is **62.0330, -3.3099, 3.3704**.

A 20% lighter version of the original color is **91.8317, -36.4249, 5.6909**, and **46.9625, -27.2452, 3.9661** is the 20% darker color. If you saturate the color by 10%, you get **67.7742, -36.0911, 6.2198**, and if you desaturate by 10%, it is **69.6283, -28.3712, 4.5966**.

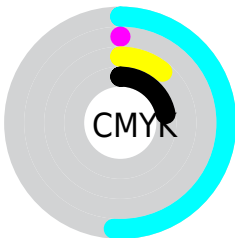
Distribution



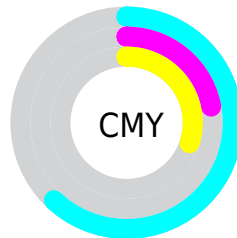
- Red (38%)
- Green (78%)
- Blue (70%)



- Red (38%)
- Yellow (61%)
- Blue (78%)



- Cyan (51%)
- Magenta (0%)
- Yellow (11%)
- Black (22%)



- Cyan (62%)
- Magenta (22%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.6034, -32.5799, 5.3013 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 68.6034, -32.5799, 5.3013 by changing the saturation by 10% instead.

■ 68.6034, -32.5799,
5.3013

■ 68.6034, -32.5799,
5.3013

193.6694,
-53.1514, 12.7710

■ 57.5221, -30.0226,
4.6073

■ 92.6349, -37.4540,
6.7790

■ 47.1103, -27.3540,
3.9428

■ 105.5221,
-39.8003, 7.5590

■ 37.4157, -24.5405,
3.3099

■ 118.9569,
-42.1009, 8.3656

■ 28.4960, -21.5311,
2.7098

■ 132.9180,
-44.3638, 9.1980

■ 20.4254, -18.2445,
2.1432

147.3862,
-46.5955, 10.0553

■ 13.3050, -14.7597,
1.6103

162.3443,

■ 6.8448, -11.9784,

-48.8013, 10.9370

1.4977

177.7768,
-50.9853, 11.8425

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.6034, -32.5799,
5.3013

■ 68.6034, -32.5799,
5.3013

■ 67.7742, -36.0911,
6.2198

■ 69.6283, -28.3712,
4.5966

■ 67.1281, -38.9060,
7.3307

■ 70.8501, -23.4799,
4.1164

■ 66.6534, -41.0522,
8.6097

■ 72.2719, -17.9397,
3.8691

■ 66.3321, -42.5856,
10.0257


■ 73.8932, -11.7960,
3.8566


■ 66.1468, -43.5309,


■ 75.7110, -5.1024,


11.2930

4.0766

 77.7206, 2.0830,
4.5225

 79.9157, 9.7005,
5.1848

 82.0565, 16.9437,
5.7676

 82.1897, 17.6381,
3.8672

Harmonies

Analogous

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



68.6048, -28.3119, 18.2362



68.6034, -32.5799, 5.3013



68.6048, -29.7278, -11.4361

Triad

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



68.6048, -32.5805, 5.3021



68.6048, 11.3483, -29.0019



68.6048, 14.5056, 24.5416

Complementary

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



68.6034, -32.5799, 5.3013



47.0765, 36.7722, 7.6691

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.



68.6048, 26.9847, 16.0764



68.6034, -32.5799, 5.3013



68.6048, 25.0441, -14.8437

Square

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



68.6048, -32.5805, 5.3021



68.6048, -5.3242, -33.7949



68.6048, 31.0108, 2.1286



68.6048, -1.9883, 27.5683

Rectangle

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



68.6034, -32.5799, 5.3013



68.6048, -24.0081, -22.2272



68.6048, 31.0108, 2.1286



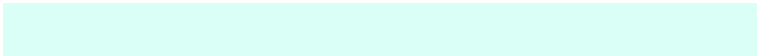
68.6048, 19.3666, 22.3529

Sweetspot

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



68.6048, -32.5805, 5.3021



96.4045, -18.6135, 5.0446



67.9102, -38.7672, 31.2927



44.3895, -9.4131, 2.3348

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.6048, -32.5805, 5.3021



89.0441, -48.0572, 8.3726



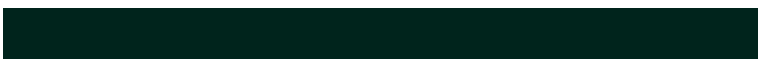
59.8079, -15.4707, -17.5900



34.6803, -4.8665, 1.8138



52.7569, -34.6323, 8.8197



11.5233, -7.2728, 1.2968

Inverse Universe

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



47.0765, 36.7722, 7.6691



56.0542, 59.7886, 12.9979



53.0213, 19.8683, 20.3719



32.6702, 1.4256, 1.9347



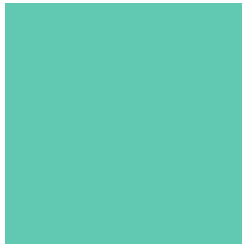
28.1570, 48.6478, 14.8763



6.2161, 10.9142, 1.9327

Previews

White Background



This preview shows how the HunterLab color 68.6034, -32.5799, 5.3013 looks on a white background.

Color Contrast Check

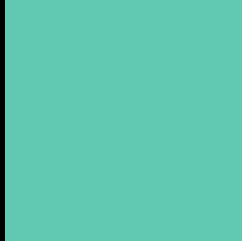
Large Text (above 18pt) WCAG AA × Fail

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 68.6034, -32.5799, 5.3013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

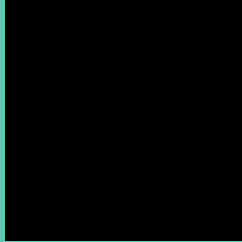
Any Text WCAG AA ✓ Pass

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 68.6034, -32.5799, 5.3013 Background



This preview shows how black text looks on a background with the HunterLab color 68.6034, -32.5799, 5.3013.



This preview shows how white text looks on a background with the HunterLab color 68.6034, -32.5799, 5.3013.

-32.5799, 5.3013.

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

68.6034, -32.5799, 5.3013

Protanopia

68.2123, -3.6082, 10.1917

Deuteranopia

68.1728, 4.7058, 3.1277



Tritanopia

68.4538, -22.4357, -11.5899

Trichromacy



Original Color

68.6034, -32.5799, 5.3013



Protanomaly

67.7313, -16.1400, 7.7268



Deuteranomaly

67.5361, -11.4429, 3.0367



Tritanomaly

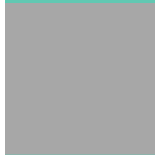
68.5125, -26.4461, -5.0054

Monochromacy



Original Color

68.6034, -32.5799, 5.3013



Achromatopsia

62.1634, -3.3169, 3.3775



Achromatomaly

63.9775, -15.3524, 3.4487

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.6034, -32.5799, 5.3013 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(97, 200, 178)` looks like.

```
.text, #text, p{  
    color:rgb(97, 200, 178)  
}
```

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(97, 200, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 200, 178) }
```

Border

The CSS property to change the border of an element to HunterLab 68.6034, -32.5799, 5.3013 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(97, 200, 178) }
```


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

```
.border{ border-color:rgb(97, 200, 178) }
```

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

Here you see how a box with a 4 pixel rgb(97, 200, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 200, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 200, 178);  
box-shadow:4px 4px 4px 4px rgb(97, 200,  
178) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.6034, -32.5799, 5.3013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 200, 178) }
```

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

```
.background{ background-color: rgb(97, 200,  
178) }
```

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