

Converting Colors

HunterLab(64.5967, -33.8345,
15.0898)

Have a look what the booklet for
HunterLab(64.5967, -33.8345,
15.0898) contains.

HunterLab(64.7517, -33.8943, 15.1464)	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(64.7517,
-33.8943, 15.1464)**

Conversions

Conversions Part 1

Format	Color
Hex	63BF90
RGB	99, 191, 144
RGB Percent	39%, 75%, 56%
CMY	0.6118, 0.2510, 0.4353
CMYK	0.48, 0.00, 0.25, 0.25
HSL	149°, 42%, 57%
HSV	149°, 48%, 75%
XYZ	28.8104, 41.9278, 32.9599
YIQ	158.1340, -39.7450, -34.1210

Conversions

Conversions Part 2

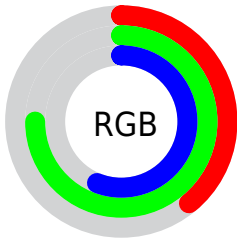
Format	Color
RYB	99, 161, 191
Decimal	6537104
CIELab	70.82, -38.36, 15.40
CIElCh	71, 41.335, 158.120
Yxy	41.9295, 0.2778, 0.4043
Android (android.graphics.Color)	4284727184 (0xFF63BF90)
YUV	158.1340, -6.9681, -51.8605
Hunter-Lab	64.7517, -33.8943, 15.1464

Details

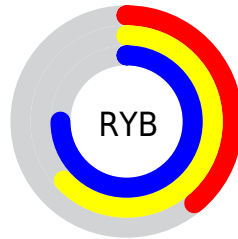
The HunterLab color **64.7517, -33.8943, 15.1464** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **46.9854, 36.0679, -4.7341**, and the grayscale version is **58.5684, -3.1251, 3.1821**.

A 20% lighter version of the original color is **88.4198, -39.1030, 17.9744**, and **43.7642, -28.3126, 12.4418** is the 20% darker color. If you saturate the color by 10%, you get **63.7905, -38.1757, 17.5932**, and if you desaturate by 10%, it is **65.9143, -28.8832, 12.7053**.

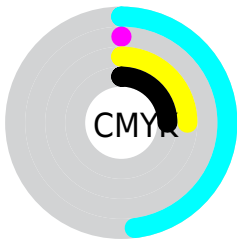
Distribution



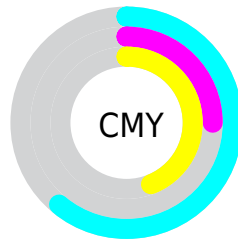
- Red (39%)
- Green (75%)
- Blue (56%)



- Red (39%)
- Yellow (63%)
- Blue (75%)



- Cyan (48%)
- Magenta (0%)
- Yellow (25%)
- Black (25%)



- Cyan (61%)
- Magenta (25%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.7517, -33.8943, 15.1464 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 64.7517, -33.8943, 15.1464 by changing the saturation by 10% instead.

■ 64.7517, -33.8943,
15.1464

■ 64.7517, -33.8943,
15.1464

188.1996,
-55.8747, 27.7457

■ 53.8944, -31.1156,
13.7155

■ 88.3702, -39.1552,
17.9606

■ 43.7215, -28.1993,
12.2549

■ 101.0652,
-41.6735, 19.3548

■ 34.2840, -25.1030,
10.7506

■ 114.3159,
-44.1353, 20.7463

■ 25.6444, -21.7608,
9.1794

■ 128.0998,
-46.5500, 22.1379

■ 17.8846, -18.0662,
7.5034

142.3971,
-48.9256, 23.5321

■ 11.1188, -16.2090,
6.5696

157.1900,

■ 3.0172, -5.2801,

-51.2683, 24.9305

2.1120

172.4623,
-53.5832, 26.3347

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.7517, -33.8943,
15.1464

■ 64.7517, -33.8943,
15.1464

■ 63.7905, -38.1757,
17.5932

■ 65.9143, -28.8832,
12.7053

■ 63.0210, -41.7070,
20.0114

■ 67.2767, -23.1769,
10.2983

■ 62.4344, -44.4952,
22.3680

■ 68.8397, -16.8279,
7.9529

■ 62.0160, -46.5756,
24.6293


■ 70.6004, -9.8973,
5.6922


■ 61.7380, -48.0464,


■ 72.5535, -2.4514,


26.7559


3.5348

 61.6935, -48.2854,
27.1228

 74.6928, 5.4425,
1.4948

 77.0104, 13.7189,
-0.4180

 79.4982, 22.3165,
-2.1978

 80.2118, 25.2228,
-6.4664

Harmonies

Analogous

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



64.7530, -24.4332, 25.2782



64.7517, -33.8943, 15.1464



64.7530, -35.6994, -1.5601

Triad

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



64.7530, -33.8951, 15.1471



64.7530, 1.7642, -40.9825



64.7530, 27.7408, 21.4648

Complementary

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



64.7517, -33.8943, 15.1464



46.9854, 36.0679, -4.7341

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.



64.7530, 36.6635, 8.2278



64.7517, -33.8943, 15.1464



64.7530, 20.5806, -30.0653

Square

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



64.7530, -33.8951, 15.1471



64.7530, -16.4736, -37.5476



64.7530, 33.9029, -10.7536



64.7530, 10.6733, 28.1284

Rectangle

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



64.7517, -33.8943, 15.1464



64.7530, -32.5383, -15.0133



64.7530, 33.9029, -10.7536



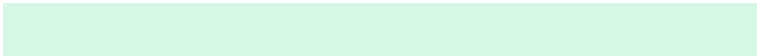
64.7530, 31.8765, 17.8142

Sweetspot

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



64.7530, -33.8951, 15.1471



93.0238, -18.9485, 9.4342



66.5764, -28.4783, 30.0126



43.3559, -9.8131, 4.7335



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



64.7530, -33.8951, 15.1471



85.2821, -51.4786, 23.7891



66.0382, -26.3312, -3.2336



32.7495, -4.9981, 2.7702



50.0283, -39.0424, 21.7502



9.9680, -7.3157, 3.3333

Inverse Universe

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



46.9854, 36.0679, -4.7341



57.3561, 59.5097, -6.7102



45.7508, 30.2530, 12.9199



31.0089, 1.7332, 0.7559



28.0533, 50.1475, 1.8069



5.6697, 10.3502, -1.3024

Previews

White Background



This preview shows how the HunterLab color 64.7517, -33.8943, 15.1464 looks on a white background.

Color Contrast Check

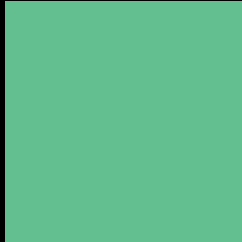
Large Text (above 18pt) WCAG AA × Fail

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 64.7517, -33.8943, 15.1464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

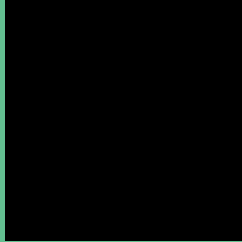
Any Text WCAG AA ✓ Pass

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 64.7517, -33.8943, 15.1464 Background



This preview shows how black text looks on a background with the HunterLab color 64.7517, -33.8943, 15.1464.



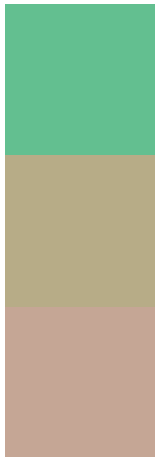
This preview shows how white text looks on a background with the HunterLab color 64.7517, -33.8943, 15.1464.

-33.8943, 15.1464.

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

64.7517, -33.8943, 15.1464

Protanopia

64.2819, -5.1572, 18.3782

Deuteranopia

64.2749, 4.4000, 13.4544



Tritanopia

64.7420, -18.8420, -9.9189

Trichromacy



Original Color

64.7517, -33.8943, 15.1464



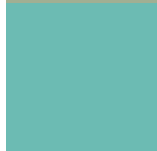
Protanomaly

63.8362, -17.6025, 16.6950



Deuteranomaly

63.5166, -11.9667, 13.1622



Tritanomaly

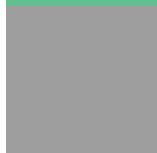
64.7946, -24.9836, 0.4641

Monochromacy



Original Color

64.7517, -33.8943, 15.1464



Achromatopsia

58.4734, -3.1200, 3.1770



Achromatomaly

60.3057, -15.4319, 7.2605

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.7517, -33.8943, 15.1464 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(99, 191, 144)` looks like.

```
.text, #text, p{  
    color:rgb(99, 191, 144)  
}
```

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(99, 191, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 191, 144) }
```

Border

The CSS property to change the border of an element to HunterLab 64.7517, -33.8943, 15.1464 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(99, 191, 144) }
```


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

```
.border{ border-color:rgb(99, 191, 144) }
```

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

Here you see how a box with a 4 pixel rgb(99, 191, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 191, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 191, 144);  
box-shadow:4px 4px 4px 4px rgb(99, 191,  
144) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.7517, -33.8943, 15.1464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 191, 144) }
```

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

```
.background{ background-color: rgb(99, 191,  
144) }
```

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