

# Converting Colors

HunterLab(65.6479, -33.2082,  
9.6158)

Have a look what the booklet for  
HunterLab(65.6479, -33.2082,  
9.6158) contains.

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# Color

**HunterLab(65.6051,  
-33.1374, 9.3729)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DC1A1
RGB	93, 193, 161
RGB Percent	36%, 76%, 63%
CMY	0.6353, 0.2431, 0.3686
CMYK	0.52, 0.00, 0.17, 0.24
HSL	161°, 45%, 56%
HSV	161°, 52%, 76%
XYZ	30.0172, 43.0403, 40.4438
YIQ	159.4520, -49.3280, -31.1520

# Conversions

## Conversions Part 2

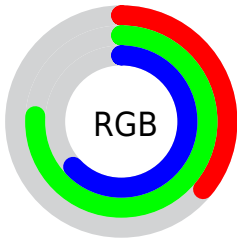
Format	Color
<a href="#">RYB</a>	<a href="#">93, 153, 193</a>
Decimal	<a href="#">6144417</a>
CIELab	<a href="#">71.58, -37.01, 7.24</a>
CIELCh	<a href="#">72, 37.714, 168.936</a>
Yxy	<a href="#">43.0420, 0.2645, 0.3792</a>
Android (android.graphics.Color)	<a href="#">4284334497 (0xFF5DC1A1)</a>
YUV	<a href="#">159.4520, 0.7632, -58.2784</a>
Hunter-Lab	<a href="#">65.6051, -33.1374, 9.3729</a>

# Details

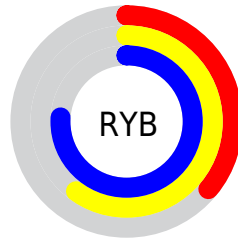
The HunterLab color **65.6051, -33.1374, 9.3729** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **45.4400, 36.7949, 3.3262**, and the grayscale version is **59.0789, -3.1523, 3.2099**.

A 20% lighter version of the original color is **89.3382, -38.1427, 11.2670**, and **44.5315, -27.8267, 7.6900** is the 20% darker color. If you saturate the color by 10%, you get **64.7659, -36.7939, 10.9463**, and if you desaturate by 10%, it is **66.6354, -28.7942, 7.9503**.

# Distribution



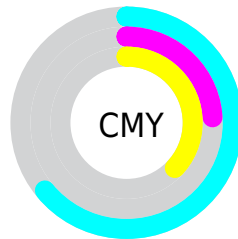
- Red (36%)
- Green (76%)
- Blue (63%)



- Red (36%)
- Yellow (60%)
- Blue (76%)



- Cyan (52%)
- Magenta (0%)
- Yellow (17%)
- Black (24%)




- Cyan (64%)
- Magenta (24%)
- Yellow (37%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.6051, -33.1374, 9.3729 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 65.6051, -33.1374, 9.3729 by changing the saturation by 10% instead.





 65.6051, -33.1374,  
9.3729


 65.6051, -33.1374,  
9.3729


189.4161,  
-54.5171, 18.7784


 54.6974, -30.4501,  
8.4043


 89.3164, -38.2363,  
11.3511


 44.4707, -27.6349,  
7.4447


 102.0546,  
-40.6818, 12.3622

 34.9752, -24.6524,  
6.4904


 115.3466,  
-43.0749, 13.3894

 26.2722, -21.4417,  
5.5344

 129.1702,  
-45.4247, 14.4331

 18.4420, -17.9044,  
4.5641

143.5059,  
-47.7384, 15.4938

 11.5954, -15.4383,  
3.5646

158.3358,

 4.1869, -7.3271,

-50.0219, 16.5715

2.9308

173.6440,  
-52.2801, 17.6663

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.6051, -33.1374,  
9.3729

■ 65.6051, -33.1374,  
9.3729

■ 64.7659, -36.7939,  
10.9463

■ 66.6354, -28.7942,  
7.9503

■ 64.1058, -39.7600,  
12.6437

■ 67.8572, -23.7834,  
6.6958

■ 63.6143, -42.0585,  
14.4373

■ 69.2732, -18.1427,  
5.6251

■ 63.2739, -43.7401,  
16.2939

■ 70.8823, -11.9202,  
4.7479


■ 63.0766, -44.7768,


■ 72.6812, -5.1716,


17.8200

4.0693

 74.6648, 2.0437,  
3.5903

 76.8269, 9.6659,  
3.3079

 79.1601, 17.6372,  
3.2166

 80.2433, 21.4762,  
1.5240

# Harmonies

## Analogous

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



65.6064, -26.8091, 21.1839



65.6051, -33.1374, 9.3729



65.6064, -32.1700, -7.5840

# Triad

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



65.6064, -33.1381, 9.3736



65.6064, 7.6761, -34.0941



65.6064, 19.8789, 23.2748

# Complementary

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



65.6051, -33.1374, 9.3729



45.4400, 36.7949, 3.3262

# 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.



65.6064, 31.1250, 13.0570



65.6051, -33.1374, 9.3729



65.6064, 23.5899, -20.8815

# Square

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



65.6064, -33.1381, 9.3736



65.6064, -9.7838, -35.8298



65.6064, 32.5495, -2.8151



65.6064, 3.0211, 27.7048



# Rectangle

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



65.6051, -33.1374, 9.3729



65.6064, -27.4881, -19.6658



65.6064, 32.5495, -2.8151



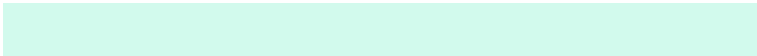
65.6064, 24.5126, 20.5477

# Sweetspot

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



65.6064, -33.1381, 9.3736



93.8717, -19.7394, 6.8423



65.8734, -34.7976, 30.6601



43.2736, -9.9394, 3.2832



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.



65.6064, -33.1381, 9.3736



86.5592, -49.7467, 14.9043



61.1233, -20.1388, -11.6294



33.7221, -4.8799, 2.1583



51.4557, -36.4270, 14.3203



10.7522, -7.2266, 2.1608



# Inverse Universe

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



45.4400, 36.7949, 3.3262



55.2389, 60.2271, 6.5369



48.1757, 25.0306, 17.3779



31.8274, 1.5247, 1.4899



27.8988, 48.6472, 11.2854

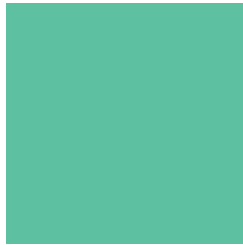


5.9083, 10.5119, 0.7655



# Previews

## White Background



This preview shows how the HunterLab color 65.6051, -33.1374, 9.3729 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

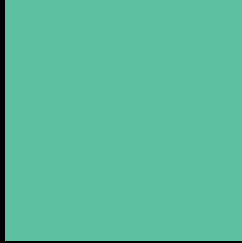
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 65.6051, -33.1374, 9.3729 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

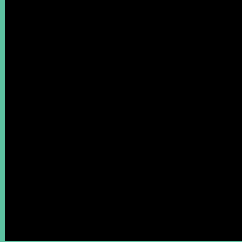
Any Text WCAG AA ✓ Pass

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 65.6051, -33.1374, 9.3729 Background



This preview shows how black text looks on a background with the HunterLab color 65.6051, -33.1374, 9.3729.



This preview shows how white text looks on a background with the HunterLab color 65.6051, -33.1374, 9.3729.

-33.1374, 9.3729.

# 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

65.6051, -33.1374, 9.3729

### Protanopia

65.2486, -4.0723, 13.5301

### Deuteranopia

64.9829, 4.7629, 7.2097



## Tritanopia

65.4745, -20.8658, -10.6194

# Trichromacy



## Original Color

65.6051, -33.1374, 9.3729



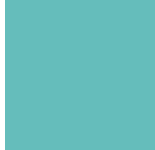
## Protanomaly

64.7289, -16.7082, 11.1885



## Deuteranomaly

64.2594, -11.5430, 6.9884



## Tritanomaly

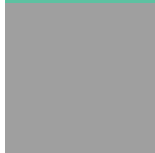
65.3833, -25.6010, -2.7916

# Monochromacy



## Original Color

65.6051, -33.1374, 9.3729



## Achromatopsia

58.8816, -3.1418, 3.1991



## Achromatomaly

60.6752, -15.2778, 4.6219

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 65.6051, -33.1374, 9.3729 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(93, 193, 161)` looks like.

```
.text, #text, p{  
    color:rgb(93, 193, 161)  
}
```

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(93, 193, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 193, 161) }
```

## Border

The CSS property to change the border of an element to HunterLab 65.6051, -33.1374, 9.3729 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(93, 193, 161) }
```



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

```
.border{ border-color:rgb(93, 193, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 193, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 193, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 193, 161);  
box-shadow:4px 4px 4px 4px rgb(93, 193,  
161) }
```

# Background

The CSS property to change the background color of an element to HunterLab 65.6051, -33.1374, 9.3729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 193, 161) }
```

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

```
.background{ background-color: rgb(93, 193,  
161) }
```

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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