

# Converting Colors

HunterLab(63.1881, -33.4993,  
-6.6643)

Have a look what the booklet for  
HunterLab(63.1881, -33.4993,  
-6.6643) contains.

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# Color

**HunterLab(63.3003,  
-33.5588, -6.6761)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00BDBD
RGB	0, 189, 189
RGB Percent	0%, 74%, 74%
CMY	0.9999, 0.2588, 0.2588
CMYK	1.00, 0.00, 0.00, 0.26
HSL	180°, 100%, 37%
HSV	180°, 100%, 74%
XYZ	27.3829, 40.0693, 54.4350
YIQ	132.4890, -112.6440, -40.0680

# Conversions

## Conversions Part 2

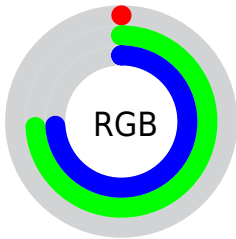
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 95, 189
Decimal	48573
CIELab	69.52, -38.39, -11.29
CIELCh	70, 40.010, 196.385
Yxy	40.0708, 0.2247, 0.3287
Android (android.graphics.Color)	4278238653 (0xFF00BDBD)
YUV	132.4890, 27.8599, -116.1929
Hunter-Lab	63.3003, -33.5588, -6.6761

# Details

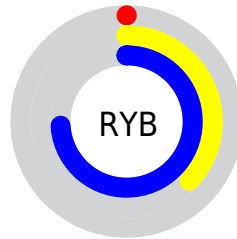
The HunterLab color **63.3003, -33.5588, -6.6761** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **32.8939, 56.3256, 21.2531**, and the grayscale version is **48.1590, -2.5696, 2.6166**.

A 20% lighter version of the original color is **86.7922, -38.9427, -6.2134**, and **43.7099, -22.9629, -5.0632** is the 20% darker color. If you saturate the color by 10%, you get **63.3013, -33.5596, -6.6755**, and if you desaturate by 10%, it is **63.4101, -33.1298, -6.5237**.

# Distribution



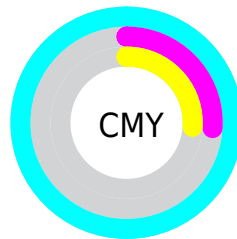
- Red (0%)
- Green (74%)
- Blue (74%)



- Red (0%)
- Yellow (37%)
- Blue (74%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (26%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.3003, -33.5588, -6.6761 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 63.3003, -33.5588, -6.6761 by changing the saturation by 10% instead.



63.3003, -33.5588,  
-6.6761

63.3003, -33.5588,  
-6.6761

186.1241,  
-55.6083, -3.8204

52.5297, -30.7618,  
-6.7457

86.7590, -38.8446,  
-6.3615

42.4495, -27.8230,  
-6.7513

99.3798, -41.3726,  
-6.1269

33.1121, -24.6969,  
-6.6854

112.5594,  
-43.8424, -5.8453

24.5819, -21.3138,  
-6.5402

126.2751,  
-46.2641, -5.5195

16.9442, -17.5592,  
-6.3086

140.5066,  
-48.6456, -5.1521

10.3189, -16.9394,  
-5.9920

155.2358,

0.0000, NaN, -NF

-50.9934, -4.7452

0.0000, NaN, NaN

170.4466,  
-53.3128, -4.3007

0.0000, NaN, NaN

■ 63.3003, -33.5588,  
-6.6761

■ 63.3003, -33.5588,  
-6.6761

■ 63.3013, -33.5596,  
-6.6755

■ 63.4101, -33.1298,  
-6.5237

■ 63.6235, -32.2887,  
-6.2264

■ 63.9787, -30.8963,  
-5.7342

■ 64.4921, -28.8990,  
-5.0278

■ 65.1758, -26.2663,  
-4.0962

■ 66.0382, -22.9887,  
-2.9355

■ 67.0847, -19.0739,  
-1.5479

■ 68.3176, -14.5451,  
0.0588

■ 69.7369, -9.4374,  
1.8731

# Harmonies

## Analogous

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



63.3015, -33.9095, 10.7868



63.3003, -33.5588, -6.6761



63.3015, -25.7428, -25.6805

# Triad

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



63.3015, -33.5589, -6.6752



63.3015, 23.9791, -24.0650



63.3015, 5.0629, 28.0002

# Complementary

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



63.3003, -33.5588, -6.6761



32.8939, 56.3256, 21.2531

# 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.



63.3015, 22.5931, 23.1086



63.3003, -33.5588, -6.6761



63.3015, 34.3183, -4.8959

# Square

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



63.3015, -33.5589, -6.6752



63.3015, 6.7891, -37.4993



63.3015, 33.7842, 12.1299



63.3015, -12.9470, 27.7735



# Rectangle

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



63.3003, -33.5588, -6.6761



63.3015, -16.7894, -35.2414



63.3015, 33.7842, 12.1299



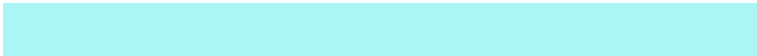
63.3015, 11.2456, 26.9761

# Sweetspot

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



63.3015, -33.5589, -6.6752



89.7009, -25.8077, -2.1715



60.3465, -51.6590, 36.2798



41.3116, -13.0314, -1.3840



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.



63.3015, -33.5589, -6.6752



84.7137, -44.9116, -8.9336



35.1400, 7.1972, -59.4548



32.8779, -4.2836, 0.9386



51.9229, -27.5273, -5.4756



10.2764, -5.4481, -1.0837



# Inverse Universe

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



32.8939, 56.3256, 21.2531



44.0188, 75.3835, 28.4438



42.8544, 28.1369, 26.8978



30.8810, 1.0451, 2.5803



26.9801, 46.2042, 17.4338

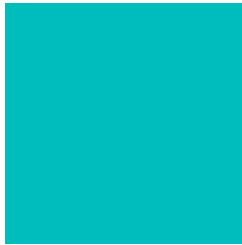


5.3398, 9.1446, 3.4504



# Previews

## White Background



This preview shows how the HunterLab color 63.3003, -33.5588, -6.6761 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 63.3003, -33.5588, -6.6761 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

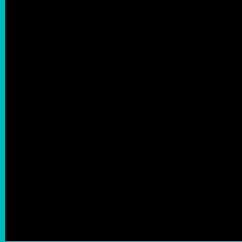
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

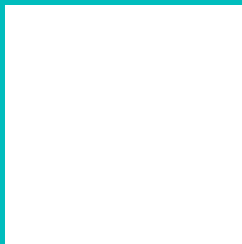
Any Text WCAG AAA ✓ Pass

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

## HunterLab 63.3003, -33.5588, -6.6761 Background



This preview shows how black text looks on a background with the HunterLab color 63.3003, -33.5588, -6.6761.



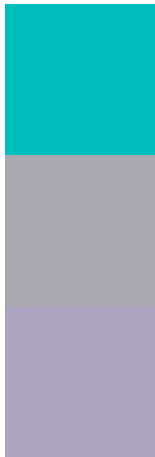
This preview shows how white text looks on a background with the HunterLab color 63.3003,

-33.5588, -6.6761.

# 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

63.3003, -33.5588, -6.6761

### Protanopia

62.9086, -1.6957, 0.0226

### Deuteranopia

62.7138, 4.8034, -9.5245



## Tritanopia

63.3601, -28.9250, -13.7519

# Trichromacy



## Original Color

63.3003, -33.5588, -6.6761



## Protanomaly

61.2985, -19.7668, -4.8579



## Deuteranomaly

60.8341, -15.8267, -11.3947



## Tritanomaly

63.3784, -30.9481, -10.9041

# Monochromacy



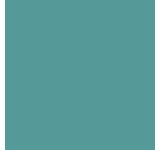
## Original Color

63.3003, -33.5588, -6.6761



## Achromatopsia

48.4304, -2.5841, 2.6313



## Achromatomaly

51.9747, -19.2210, -2.6887

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 63.3003, -33.5588, -6.6761 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(0, 189, 189)` looks like.

```
.text, #text, p{  
    color:rgb(0, 189, 189)  
}
```

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(0, 189, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 189, 189) }
```

## Border

The CSS property to change the border of an element to HunterLab 63.3003, -33.5588, -6.6761 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(0, 189, 189) }
```



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

```
.border{ border-color:rgb(0, 189, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 189, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 189, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 189, 189);  
box-shadow:4px 4px 4px 4px rgb(0, 189,  
189) }
```

# Background

The CSS property to change the background color of an element to HunterLab 63.3003, -33.5588, -6.6761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 189, 189) }
```

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

```
.background{ background-color: rgb(0, 189,  
189) }
```

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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