

# Converting Colors

HunterLab(61.6230, -30.2612,  
5.8986)

Have a look what the booklet for  
HunterLab(61.6230, -30.2612,  
5.8986) contains.

<b>HunterLab(61.5552, -30.2023, 5.8074)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(61.5552,  
-30.2023, 5.8074)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55B69F
RGB	85, 182, 159
RGB Percent	33%, 71%, 62%
CMY	0.6667, 0.2863, 0.3765
CMYK	0.53, 0.00, 0.13, 0.29
HSL	166°, 40%, 52%
HSV	166°, 53%, 71%
XYZ	26.7323, 37.8904, 38.7056
YIQ	150.3750, -50.4290, -27.7170

# Conversions

## Conversions Part 2

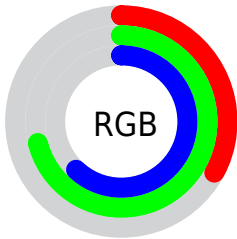
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 140, 182
Decimal	5617311
CIELab	67.94, -34.22, 3.05
CIElCh	68, 34.351, 174.911
Yxy	37.8919, 0.2587, 0.3667
Android (android.graphics.Color)	4283807391 (0xFF55B69F)
YUV	150.3750, 4.2521, -57.3339
Hunter-Lab	61.5552, -30.2023, 5.8074

# Details

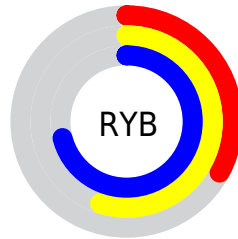
The HunterLab color **61.5552, -30.2023, 5.8074** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **41.8639, 34.3911, 6.3034**, and the grayscale version is **55.3764, -2.9547, 3.0087**.

A 20% lighter version of the original color is **84.7083, -34.7282, 7.0604**, and **40.7924, -24.7532, 4.0821** is the 20% darker color. If you saturate the color by 10%, you get **60.8273, -33.3193, 6.8063**, and if you desaturate by 10%, it is **62.4568, -26.4615, 4.9872**.

# Distribution



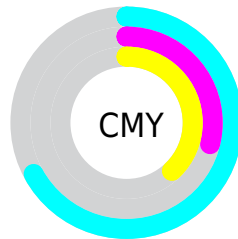
- Red (33%)
- Green (71%)
- Blue (62%)



- Red (33%)
- Yellow (55%)
- Blue (71%)



- Cyan (53%)
- Magenta (0%)
- Yellow (13%)
- Black (29%)



- Cyan (67%)
- Magenta (29%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.5552, -30.2023, 5.8074 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 61.5552, -30.2023, 5.8074 by changing the saturation by 10% instead.



■ 61.5552, -30.2023,  
5.8074

■ 61.5552, -30.2023,  
5.8074

183.6181,  
-50.5411, 13.5713

■ 50.8909, -27.6474,  
5.0700

■ 84.8189, -35.0464,  
7.3627

■ 40.9243, -24.9675,  
4.3582

■ 97.3492, -37.3700,  
8.1781

■ 31.7096, -22.1209,  
3.6729

■ 110.4422,  
-39.6447, 9.0183

■ 23.3140, -19.0426,  
3.0130

■ 124.0746,  
-41.8794, 9.8826

■ 15.8270, -15.6228,  
2.3759

138.2258,  
-44.0811, 10.7706

■ 9.3761, -16.4024,  
1.8574

152.8776,

0.0000, NaN, NaN

-46.2557, 11.6817

0.0000, NaN, NaN

168.0134,  
-48.4077, 12.6154

0.0000, NaN, NaN

■ 61.5552, -30.2023,  
5.8074

■ 61.5552, -30.2023,  
5.8074

■ 60.8273, -33.3193,  
6.8063

■ 62.4568, -26.4615,  
4.9872

■ 60.2613, -35.8154,  
7.9628

■ 63.5334, -22.1088,  
4.3574

■ 59.8467, -37.7173,  
9.2540

■ 64.7881, -17.1731,  
3.9273

■ 59.5667, -39.0772,  
10.6509

■ 66.2206, -11.6940,  
3.7014

■ 59.4279, -39.7886,  
11.6126

■ 67.8284, -5.7187,  
3.6793

■ 69.6076, 0.7012,  
3.8572

■ 71.5528, 7.5124,  
4.2285

■ 73.6577, 14.6628,  
4.7841

■ 75.9154, 22.1028,  
5.5133

# Harmonies

## Analogous

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



61.5564, -25.7858, 17.4984



61.5552, -30.2023, 5.8074



61.5564, -28.0098, -9.7994

# Triad

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



61.5564, -30.2029, 5.8081



61.5564, 9.7493, -28.2342



61.5564, 14.7617, 22.2988

# Complementary

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



61.5552, -30.2023, 5.8074



41.8639, 34.3911, 6.3034

# 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.



61.5564, 26.0804, 14.1176



61.5552, -30.2023, 5.8074



61.5564, 22.9920, -15.2358

# Square

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



61.5564, -30.2029, 5.8081



61.5564, -5.9041, -32.0228



61.5564, 29.2311, 0.7875



61.5564, -0.6270, 25.3973



# Rectangle

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



61.5552, -30.2023, 5.8074



61.5564, -22.9692, -20.1616



61.5564, 29.2311, 0.7875



61.5564, 19.2265, 20.1675

# Sweetspot

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



61.5564, -30.2029, 5.8081



88.5638, -18.0130, 5.0454



61.1396, -34.8628, 28.7285



41.4340, -9.1831, 2.3978



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515



# Same Dimension

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



61.5564, -30.2029, 5.8081



81.7488, -45.5241, 9.4278



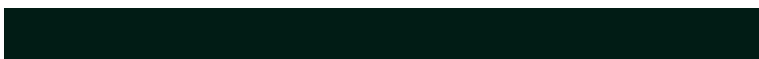
54.4781, -15.4699, -14.8686



31.8955, -4.4806, 1.7506



49.9500, -33.3703, 9.6038



9.4261, -5.9759, 1.1184



# Inverse Universe

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



41.8639, 34.3911, 6.3034



50.9665, 56.9484, 11.2222



46.4681, 20.1988, 18.0204



30.0769, 1.3101, 1.6976



26.7506, 46.3079, 13.4358

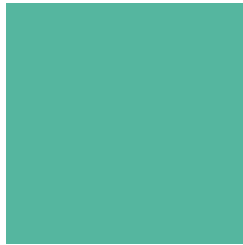


5.1201, 9.0531, 1.1017



# Previews

## White Background



This preview shows how the HunterLab color 61.5552, -30.2023, 5.8074 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 61.5552, -30.2023, 5.8074 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

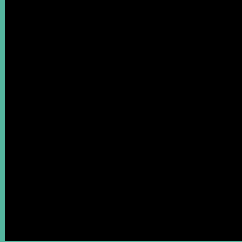
Any Text WCAG AA ✓ Pass

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 61.5552, -30.2023, 5.8074 Background



This preview shows how black text looks on a background with the HunterLab color 61.5552, -30.2023, 5.8074.



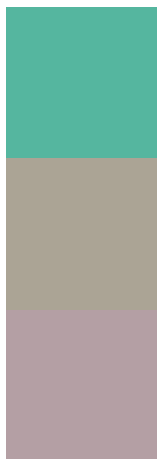
This preview shows how white text looks on a background with the HunterLab color 61.5552, -30.2023, 5.8074.

-30.2023, 5.8074.

# 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

61.5552, -30.2023, 5.8074

### Protanopia

61.1382, -3.3605, 10.0400

### Deuteranopia

60.9753, 4.3047, 3.4969



## Tritanopia

61.4303, -20.1555, -10.6314

# Trichromacy



**Original Color**

61.5552, -30.2023, 5.8074

**Protanomaly**

60.8286, -15.1060, 7.8431

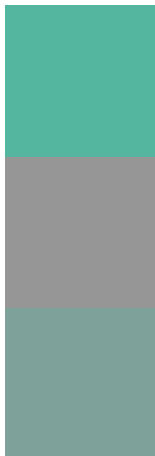
**Deuteranomaly**

60.2211, -10.4850, 3.2705

**Tritanomaly**

61.4905, -24.0866, -4.1663

# Monochromacy



**Original Color**

61.5552, -30.2023, 5.8074

**Achromatopsia**

55.2257, -2.9467, 3.0005

**Achromatomaly**

57.0756, -14.5837, 3.6081

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 61.5552, -30.2023, 5.8074 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(85, 182, 159)` looks like.

```
.text, #text, p{  
    color:rgb(85, 182, 159)  
}
```

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(85, 182, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 182, 159) }
```

## Border

The CSS property to change the border of an element to HunterLab 61.5552, -30.2023, 5.8074 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".

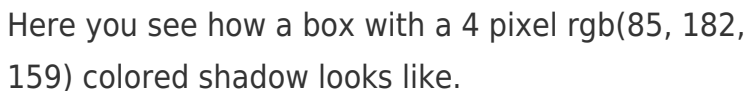
```
.border, #border, table{ border:4px solid rgb(85, 182, 159) }
```



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

```
.border{ border-color:rgb(85, 182, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(85, 182, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 182, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 182, 159);  
box-shadow:4px 4px 4px 4px rgb(85, 182,  
159) }
```

# Background

The CSS property to change the background color of an element to HunterLab 61.5552, -30.2023, 5.8074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 182, 159) }
```

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

```
.background{ background-color: rgb(85, 182,  
159) }
```

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