

# Converting Colors

HunterLab(54.5465, -15.5016,  
-2.6007)

Have a look what the booklet for  
HunterLab(54.5465, -15.5016,  
-2.6007) contains.

<b>HunterLab(54.5690, -15.4670, -2.7805)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(54.5690,  
-15.4670, -2.7805)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B9DA0
RGB	107, 157, 160
RGB Percent	42%, 62%, 63%
CMY	0.5804, 0.3843, 0.3725
CMYK	0.33, 0.02, 0.00, 0.37
HSL	183°, 22%, 52%
HSV	183°, 33%, 63%
XYZ	24.4655, 29.7778, 37.7158
YIQ	142.3920, -30.7630, -9.6670

# Conversions

## Conversions Part 2

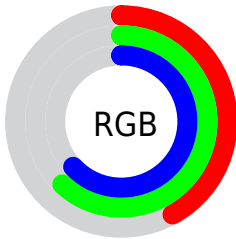
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 133, 160
Decimal	7052704
CIELab	61.46, -15.83, -6.90
CIELCh	61, 17.269, 203.563
Yxy	29.7789, 0.2660, 0.3238
Android (android.graphics.Color)	4285242784 (0xFF6B9DA0)
YUV	142.3920, 8.6807, -31.0388
Hunter-Lab	54.5690, -15.4670, -2.7805

# Details

The HunterLab color  $54.5690, -15.4670, -2.7805$  is a dark color, and the websafe version is hex  $669999$ . A complement of this color would be  $44.3702, 13.7833, 8.9940$ , and the grayscale version is  $52.1424, -2.7822, 2.8330$ .

A 20% lighter version of the original color is  $77.1147, -18.5049, -2.2358$ , and  $35.0042, -12.5825, -3.1567$  is the 20% darker color. If you saturate the color by 10%, you get  $53.4529, -18.1902, -4.2710$ , and if you desaturate by 10%, it is  $55.8315, -12.2617, -1.1299$ .

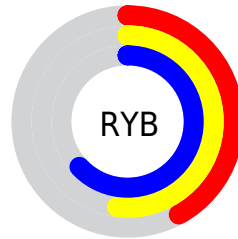
# Distribution



Red (42%)

Green (62%)

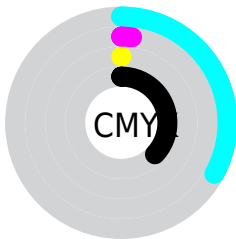
Blue (63%)



Red (42%)

Yellow (52%)

Blue (63%)

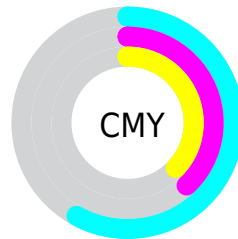


Cyan (33%)

Magenta (2%)

Yellow (0%)

Black (37%)



Cyan (58%)

Magenta (38%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 54.5690, -15.4670, -2.7805 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 54.5690, -15.4670, -2.7805 by changing the saturation by 10% instead.



■ 54.5690, -15.4670,  
-2.7805

■ 54.5690, -15.4670,  
-2.7805

173.4568,  
-28.2033, 1.2160

■ 44.3518, -14.0002,  
-2.9924

■ 77.0146, -18.3336,  
-2.1907

■ 34.8655, -12.4937,  
-3.1427

■ 89.1665, -19.7474,  
-1.8234

■ 26.1726, -10.9279,  
-3.2223

■ 101.8978,  
-21.1552, -1.4123

■ 18.3534, -9.2690,  
-3.2205

■ 115.1832,  
-22.5606, -0.9602

■ 11.5195, -7.4567,  
-3.1229

129.0006,  
-23.9662, -0.4694

■ 4.0245, -7.0429,  
-6.8914

143.3302,

0.0000, NaN, NaN

-25.3741, 0.0581

0.0000, NaN, NaN

158.1543,  
-26.7860, 0.6204

0.0000, NaN, NaN

■ 54.5690, -15.4670,  
-2.7805

■ 54.5690, -15.4670,  
-2.7805

■ 53.4529, -18.1902,  
-4.2710

■ 55.8315, -12.2617,  
-1.1299

■ 52.4794, -20.4094,  
-5.5940

■ 57.2357, -8.6008,  
0.6660

■ 51.6471, -22.1161,  
-6.7423

■ 58.7800, -4.5191,  
2.5942

■ 50.9506, -23.3154,  
-7.7144

■ 60.4604, -0.0540,  
4.6401

■ 50.3814, -24.0285,  
-8.5148

■ 62.2720, 4.7558,  
6.7895

■ 49.9271, -24.2977,  
-9.1556

■ 64.2095, 9.8721,  
9.0284

■ 49.6540, -24.3300,  
-9.5417

■ 66.2672, 15.2583,  
11.3442

■ 68.4390, 20.8801,  
13.7252

■ 70.7191, 26.7066,  
16.1611

# Harmonies

## Analogous

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



54.5701, -16.4682, 4.4802



54.5690, -15.4670, -2.7805



54.5701, -11.1872, -9.2067

# Triad

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



54.5701, -15.4676, -2.7797



54.5701, 9.1299, -5.7850



54.5701, -1.2949, 14.8794

# Complementary

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



54.5690, -15.4670, -2.7805



44.3702, 13.7833, 8.9940

# 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.



54.5701, 5.8820, 12.8602



54.5690, -15.4670, -2.7805



54.5701, 12.1061, 1.4162

# Square

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



54.5701, -15.4676, -2.7797



54.5701, 2.9476, -11.0985



54.5701, 10.8868, 8.1557



54.5701, -8.5394, 14.0702



# Rectangle

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



54.5690, -15.4670, -2.7805



54.5701, -6.9201, -11.8289



54.5701, 10.8868, 8.1557



54.5701, 1.2098, 14.5189

# Sweetspot

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



54.5701, -15.4676, -2.7797



77.7144, -10.0339, 1.6414



54.2089, -24.3000, 16.9517



36.2694, -5.0286, 0.6115



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328



# Same Dimension

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



54.5701, -15.4676, -2.7797



72.3631, -23.7080, -5.3023



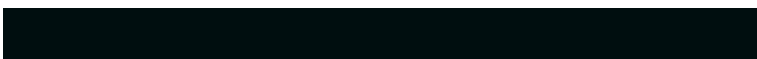
46.7513, -3.5239, -13.4318



27.2858, -3.3329, 0.6609



43.8493, -21.5040, -8.3867



6.0103, -3.0541, -0.9195



# Inverse Universe

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



45.1929, 22.9791, -13.6002



57.2112, 39.2146, -23.5032



51.1725, 1.0605, 15.4337



25.9771, 1.8702, -0.6710



27.5014, 53.4290, -31.3141



3.7013, 7.2274, -4.4983



# Previews

## White Background



This preview shows how the HunterLab color 54.5690, -15.4670, -2.7805 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

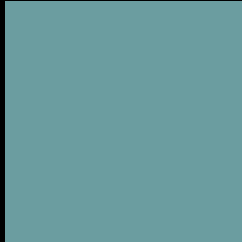
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 54.5690, -15.4670, -2.7805 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

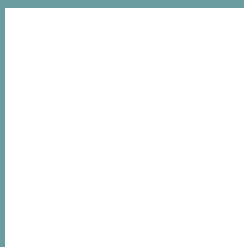
Any Text WCAG AAA × Fail

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

## HunterLab 54.5690, -15.4670, -2.7805 Background



This preview shows how black text looks on a background with the HunterLab color 54.5690, -15.4670, -2.7805.



This preview shows how white text looks on a background with the HunterLab color 54.5690,

-15.4670, -2.7805.

# 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

54.5690, -15.4670, -2.7805

### Protanopia

54.3968, -1.1453, 0.1771

### Deuteranopia

54.3686, 3.6832, -4.2207



## Tritanopia

54.6400, -13.0898, -6.7587

# Trichromacy



## Original Color

54.5690, -15.4670, -2.7805

## Protanomaly

54.4076, -6.9636, -0.8712

## Deuteranomaly

54.3202, -3.8709, -3.9058

## Tritanomaly

54.4809, -13.8766, -5.4116

# Monochromacy



## Original Color

54.5690, -15.4670, -2.7805

## Achromatopsia

52.0094, -2.7751, 2.8258

## Achromatomaly

52.6351, -7.6286, 0.2711

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 54.5690, -15.4670, -2.7805 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(107, 157, 160)` looks like.

```
.text, #text, p{  
    color:rgb(107, 157, 160)  
}
```

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(107, 157, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 157, 160) }
```

## Border

The CSS property to change the border of an element to HunterLab 54.5690, -15.4670, -2.7805 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(107, 157, 160) }
```



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

```
.border{ border-color:rgb(107, 157, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 157, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 157, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 157, 160);  
box-shadow:4px 4px 4px 4px rgb(107, 157,  
160) }
```

# Background

The CSS property to change the background color of an element to HunterLab 54.5690, -15.4670, -2.7805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 157, 160) }
```

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

```
.background{ background-color: rgb(107,  
157, 160) }
```

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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