

Converting Colors

HunterLab(53.4696, -12.7091,
-3.1045)

Have a look what the booklet for
HunterLab(53.4696, -12.7091,
-3.1045) contains.

HunterLab(53.5685, -12.9565, -3.0209)	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(53.5685,
-12.9565, -3.0209)**

Conversions

Conversions Part 1

Format	Color
Hex	70999E
RGB	112, 153, 158
RGB Percent	44%, 60%, 62%
CMY	0.5608, 0.4000, 0.3804
CMYK	0.29, 0.03, 0.00, 0.38
HSL	187°, 19%, 53%
HSV	187°, 29%, 62%
XYZ	24.2449, 28.6958, 36.6088
YIQ	141.3110, -26.0410, -7.1370

Conversions

Conversions Part 2

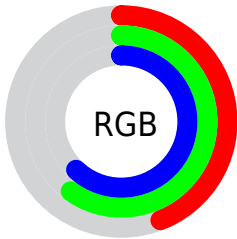
Format	Color
RYB	112, 134, 158
Decimal	7379358
CIELab	60.51, -12.69, -7.15
CIElCh	61, 14.571, 209.401
Yxy	28.6970, 0.2707, 0.3205
Android (android.graphics.Color)	4285569438 (0xFF70999E)
YUV	141.3110, 8.2277, -25.7057
Hunter-Lab	53.5685, -12.9565, -3.0209

Details

The HunterLab color $53.5685, -12.9565, -3.0209$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $46.0019, 10.2440, 8.7674$, and the grayscale version is $51.7106, -2.7591, 2.8095$.

A 20% lighter version of the original color is $75.7820, -15.2230, -2.8212$, and $34.0418, -10.3265, -3.4311$ is the 20% darker color. If you saturate the color by 10%, you get $52.1458, -15.5038, -4.9195$, and if you desaturate by 10%, it is $55.1290, -9.9641, -0.9940$.

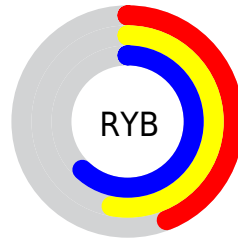
Distribution



Red (44%)

Green (60%)

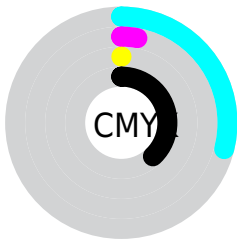
Blue (62%)



Red (44%)

Yellow (53%)

Blue (62%)

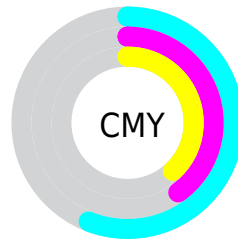


Cyan (29%)

Magenta (3%)

Yellow (0%)

Black (38%)



Cyan (56%)

Magenta (40%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.5685, -12.9565, -3.0209 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 53.5685, -12.9565, -3.0209 by changing the saturation by 10% instead.

■ 53.5685, -12.9565,
-3.0209

■ 53.5685, -12.9565,
-3.0209

171.9833,
-24.3956, 0.8543

■ 43.4186, -11.6771,
-3.2155

■ 75.8916, -15.4843,
-2.4625

■ 34.0047, -10.3738,
-3.3473

■ 87.9870, -16.7427,
-2.1098

■ 25.3909, -9.0316,
-3.4068

■ 100.6645,
-18.0026, -1.7126

■ 17.6599, -7.6240,
-3.3831

■ 113.8983,
-19.2667, -1.2737

■ 10.9272, -6.1138,
-3.2619

127.6660,
-20.5367, -0.7956

■ 2.3838, -4.1716,
-12.3087

141.9477,

0.0000, NaN, NaN

-21.8141, -0.2804

0.0000, NaN, NaN

156.7255,
-23.1001, 0.2701

0.0000, NaN, NaN

■ 53.5685, -12.9565,
-3.0209

■ 53.5685, -12.9565,
-3.0209

■ 52.1458, -15.5038,
-4.9195

■ 55.1290, -9.9641,
-0.9940

■ 50.8598, -17.5773,
-6.6782

■ 56.8207, -6.5565,
1.1439

■ 49.7117, -19.1594,
-8.2843

■ 58.6403, -2.7698,
3.3788

■ 48.6995, -20.2429,
-9.7289

■ 60.5827, 1.3601,
5.6966

■ 47.8181, -20.8356,
-11.0082

■ 62.6424, 5.7975,
8.0844

■ 47.0589, -20.9641,
-12.1255

■ 64.8136, 10.5082,
10.5304

■ 46.3931, -20.7354,
-13.1166

■ 67.0904, 15.4606,
13.0243

■ 46.3350, -20.7118,
-13.2039

■ 69.4672, 20.6257,
15.5573

■ 71.9382, 25.9776,
18.1220

Harmonies

Analogous

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



53.5696, -14.3824, 3.0357



53.5685, -12.9565, -3.0209



53.5696, -8.8562, -7.9150

Triad

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



53.5696, -12.9572, -3.0201



53.5696, 7.9068, -3.2513



53.5696, -2.7351, 13.1555

Complementary

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



53.5685, -12.9565, -3.0209



46.0019, 10.2440, 8.7674

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.



53.5696, 3.4096, 11.8714



53.5685, -12.9565, -3.0209



53.5696, 9.7243, 2.7959

Square

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



53.5696, -12.9572, -3.0201



53.5696, 3.1816, -8.0589



53.5696, 8.0427, 8.2419



53.5696, -8.6475, 11.9694

Rectangle

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



53.5685, -12.9565, -3.0209



53.5696, -5.0590, -9.6148



53.5696, 8.0427, 8.2419



53.5696, -0.6274, 13.0010

Sweetspot

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



53.5696, -12.9572, -3.0201



76.5556, -8.8659, 1.5229



54.0129, -21.4975, 14.5667



36.1950, -4.5262, 0.5299



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.



53.5696, -12.9572, -3.0201



70.9078, -19.7860, -5.7720



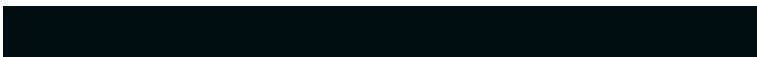
46.8891, -2.5301, -12.0549



27.1777, -3.1604, 0.5333



41.5082, -18.5887, -11.7540



5.8290, -2.8332, -1.1696

Inverse Universe

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



45.9979, 19.0229, -10.1708



58.6784, 32.5018, -17.6823



52.0375, -0.6949, 14.5867



25.9657, 1.8089, -0.5087



27.1321, 52.1393, -26.4574



3.6719, 7.1251, -4.1149

Previews

White Background



This preview shows how the HunterLab color 53.5685, -12.9565, -3.0209 looks on a white background.

Color Contrast Check

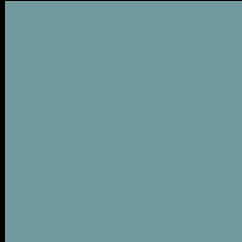
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.5685, -12.9565, -3.0209 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

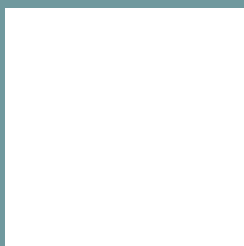
Any Text WCAG AAA × Fail

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

HunterLab 53.5685, -12.9565, -3.0209 Background



This preview shows how black text looks on a background with the HunterLab color 53.5685, -12.9565, -3.0209.



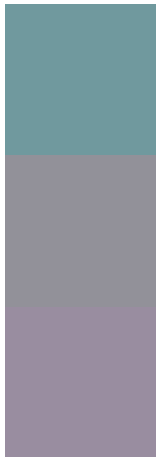
This preview shows how white text looks on a background with the HunterLab color 53.5685,

-12.9565, -3.0209.

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

53.5685, -12.9565, -3.0209

Protanopia

53.5366, -1.2352, -0.4083

Deuteranopia

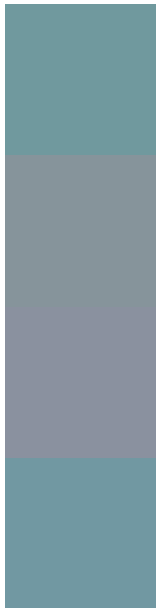
53.2542, 4.0318, -4.1415



Tritanopia

53.5234, -11.1611, -6.1205

Trichromacy



Original Color

53.5685, -12.9565, -3.0209

Protanomaly

53.4927, -5.7255, -1.5094

Deuteranomaly

53.0634, -2.4911, -3.9960

Tritanomaly

53.4564, -11.5390, -5.1752

Monochromacy



Original Color

53.5685, -12.9565, -3.0209

Achromatopsia

51.6097, -2.7538, 2.8041

Achromatomaly

52.0607, -6.7682, 0.5242

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.5685, -12.9565, -3.0209 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(112, 153, 158)` looks like.

```
.text, #text, p{  
    color:rgb(112, 153, 158)  
}
```

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(112, 153, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 153, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 53.5685, -12.9565, -3.0209 is called "border". The border property can be set on classes, ids or directly on the HTML element.

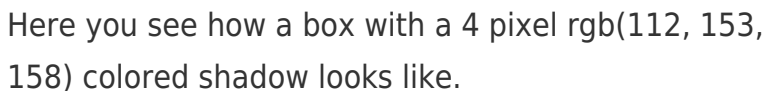
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(112, 153, 158) }
```


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

```
.border{ border-color:rgb(112, 153, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(112, 153, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 153, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 153, 158); box-shadow:4px 4px 4px 4px rgb(112, 153, 158) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.5685, -12.9565, -3.0209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 153, 158) }
```

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

```
.background{ background-color: rgb(112,  
153, 158) }
```

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