

Converting Colors

HunterLab(63.5163, -26.3923,
-4.6696)

Have a look what the booklet for
HunterLab(63.5163, -26.3923,
-4.6696) contains.

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Color

**HunterLab(63.4581,
-26.2649, -4.7603)**

Conversions

Conversions Part 1

Format	Color
Hex	57B9BA
RGB	87, 185, 186
RGB Percent	34%, 73%, 73%
CMY	0.6588, 0.2745, 0.2706
CMYK	0.53, 0.01, 0.00, 0.27
HSL	181°, 42%, 54%
HSV	181°, 53%, 73%
XYZ	30.1423, 40.2693, 52.6384
YIQ	155.8120, -58.7290, -20.4650

Conversions

Conversions Part 2

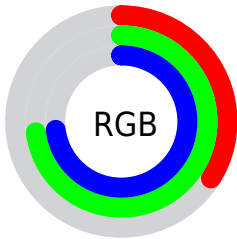
Format	Color
R _Y B	87, 136, 186
Decimal	5749178
CIE Lab	69.66, -28.26, -9.28
CIE LCh	70, 29.742, 198.172
Yxy	40.2709, 0.2450, 0.3273
Android (android.graphics.Color)	4283939258 (0xFF57B9BA)
YUV	155.8120, 14.8827, -60.3481
Hunter-Lab	63.4581, -26.2649, -4.7603

Details

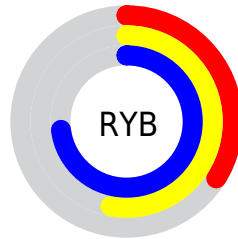
The HunterLab color $63.4581, -26.2649, -4.7603$ is a light color, and the websafe version is hex $66CCCC$. A complement of this color would be $42.5527, 32.3340, 14.2221$, and the grayscale version is $57.5419, -3.0703, 3.1264$.

A 20% lighter version of the original color is $86.7993, -30.2393, -4.4250$, and $42.4401, -21.6291, -5.2277$ is the 20% darker color. If you saturate the color by 10%, you get $62.7770, -28.5794, -5.6921$, and if you desaturate by 10%, it is $64.3140, -23.3221, -3.6044$.

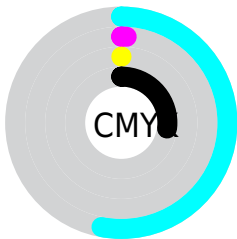
Distribution



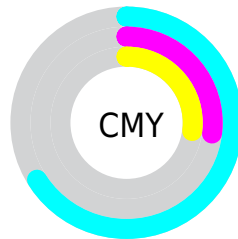
- Red (34%)
- Green (73%)
- Blue (73%)



- Red (34%)
- Yellow (53%)
- Blue (73%)



- Cyan (53%)
- Magenta (1%)
- Yellow (0%)
- Black (27%)



- Cyan (66%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.4581, -26.2649, -4.7603 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 63.4581, -26.2649, -4.7603 by changing the saturation by 10% instead.

63.4581, -26.2649,
-4.7603

63.4581, -26.2649,
-4.7603

186.3502,
-44.0468, -1.2517

52.6781, -24.0906,
-4.9148

86.9343, -30.4289,
-4.2844

42.5877, -21.8279,
-5.0085

99.5633, -32.4441,
-3.9732

33.2393, -19.4467,
-5.0335

112.7506,
-34.4269, -3.6174

24.6971, -16.8996,
-4.9812

126.4737,
-36.3841, -3.2196

17.0460, -14.1075,
-4.8415

140.7124,
-38.3208, -2.7822

10.4052, -12.6022,
-4.6059

155.4487,

0.0000, NaN, -NF

-40.2413, -2.3073

0.0000, NaN, NaN

170.6662,
-42.1490, -1.7966

0.0000, NaN, NaN

■ 63.4581, -26.2649,
-4.7603

■ 63.4581, -26.2649,
-4.7603

■ 62.7770, -28.5794,
-5.6921

■ 64.3140, -23.3221,
-3.6044

■ 62.2582, -30.2787,
-6.4072

■ 65.3467, -19.7537,
-2.2288

■ 61.8902, -31.3981,
-6.9166

■ 66.5601, -15.5793,
-0.6396

■ 61.6554, -31.9976,
-7.2412

■ 67.9546, -10.8305,
1.1520

■ 61.5455, -32.2109,
-7.3925

■ 69.5284, -5.5480,
3.1316

■ 71.2778, 0.2215,
5.2829

■ 73.1980, 6.4283,
7.5885

■ 75.2829, 13.0216,
10.0306

■ 77.5257, 19.9525,
12.5924

Harmonies

Analogous

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



63.4593, -26.8993, 8.3206



63.4581, -26.2649, -4.7603



63.4593, -19.8247, -17.8936

Triad

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



63.4593, -26.2653, -4.7594



63.4593, 17.1842, -15.3667



63.4593, 2.0318, 23.2173

Complementary

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



63.4581, -26.2649, -4.7603



42.5527, 32.3340, 14.2221

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.



63.4593, 14.9099, 19.2674



63.4581, -26.2649, -4.7603



63.4593, 24.1357, -1.8308

Square

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



63.4593, -26.2653, -4.7594



63.4593, 4.9302, -24.8467



63.4593, 23.2701, 10.6984



63.4593, -11.3014, 22.7570

Rectangle

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



63.4581, -26.2649, -4.7603



63.4593, -12.7762, -24.0832



63.4593, 23.2701, 10.6984



63.4593, 6.5767, 22.4020

Sweetspot

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



63.4593, -26.2653, -4.7594



90.8910, -16.6043, 0.7897



61.5085, -40.2820, 28.5035



42.4683, -8.4191, 0.1341



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.



63.4593, -26.2653, -4.7594



84.3727, -38.9575, -7.8616



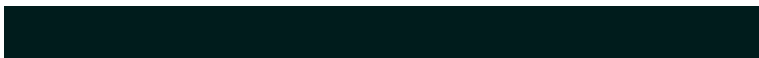
48.2928, -4.4191, -27.3532



31.9291, -4.1149, 0.8857



50.4878, -26.4284, -6.0541



9.5057, -4.9934, -1.1020

Inverse Universe

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



45.5624, 47.2616, -30.8274



56.6605, 77.1356, -50.5603



53.7380, 8.4175, 23.3110



30.2674, 2.3320, -1.0115



30.5869, 60.0065, -39.3472



5.7473, 11.2818, -7.4444

Previews

White Background



This preview shows how the HunterLab color 63.4581, -26.2649, -4.7603 looks on a white background.

Color Contrast Check

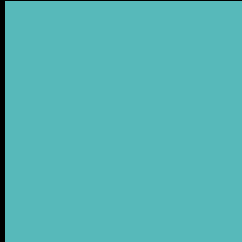
Large Text (above 18pt) WCAG AA × Fail

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 63.4581, -26.2649, -4.7603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

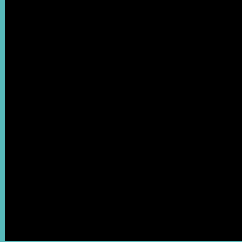
Any Text WCAG AA ✓ Pass

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 63.4581, -26.2649, -4.7603 Background



This preview shows how black text looks on a background with the HunterLab color 63.4581, -26.2649, -4.7603.



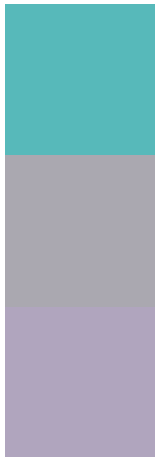
This preview shows how white text looks on a background with the HunterLab color 63.4581,

-26.2649, -4.7603.

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

63.4581, -26.2649, -4.7603

Protanopia

62.9967, -1.3915, 0.1365

Deuteranopia

63.1333, 4.4597, -6.7692



Tritanopia

63.3785, -22.3618, -11.3176

Trichromacy



Original Color

63.4581, -26.2649, -4.7603

Protanomaly

62.5642, -11.9425, -2.5775

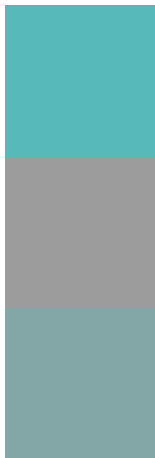
Deuteranomaly

62.5368, -8.2838, -7.2547

Tritanomaly

63.5214, -23.7844, -8.9138

Monochromacy



Original Color

63.4581, -26.2649, -4.7603

Achromatopsia

57.6586, -3.0765, 3.1327

Achromatomaly

59.3740, -13.2511, -0.1535

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.4581, -26.2649, -4.7603 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(87, 185, 186)` looks like.

```
.text, #text, p{  
    color:rgb(87, 185, 186)  
}
```

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(87, 185, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 185, 186) }
```

Border

The CSS property to change the border of an element to HunterLab 63.4581, -26.2649, -4.7603 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(87, 185, 186) }
```


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

```
.border{ border-color:rgb(87, 185, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 185, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 185, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 185, 186);  
box-shadow:4px 4px 4px 4px rgb(87, 185,  
186) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.4581, -26.2649, -4.7603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 185, 186) }
```

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

```
.background{ background-color: rgb(87, 185,  
186) }
```

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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