

Converting Colors

HunterLab(53.7052, -28.6763,
-31.1754)

Have a look what the booklet for
HunterLab(53.7052, -28.6763,
-31.1754) contains.

HunterLab(55.9625, -19.8695, -27.0558)	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(55.9625,
-19.8695, -27.0558)**

Conversions

Conversions Part 1

Format	Color
Hex	00A5CD
RGB	0, 165, 205
RGB Percent	0%, 65%, 80%
CMY	0.9998, 0.3529, 0.1961
CMYK	1.00, 0.20, 0.00, 0.20
HSL	192°, 100%, 40%
HSV	192°, 100%, 80%
XYZ	24.4745, 31.3180, 62.5126
YIQ	120.2250, -111.1800, -22.5400

Conversions

Conversions Part 2

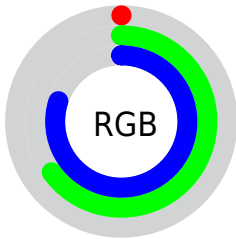
Format	Color
RYB	0, 91, 205
Decimal	42445
CIELab	62.78, -21.45, -30.41
CIELCh	63, 37.210, 234.800
Yxy	31.3191, 0.2069, 0.2647
Android (android.graphics.Color)	4278232525 (0xFF00A5CD)
YUV	120.2250, 41.7941, -105.4373
Hunter-Lab	55.9625, -19.8695, -27.0558

Details

The HunterLab color **55.9625, -19.8695, -27.0558** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **38.0788, 54.9487, 24.4239**, and the grayscale version is **43.3052, -2.3107, 2.3529**.

A 20% lighter version of the original color is **78.2132, -25.0214, -23.9614**, and **37.4762, -10.8511, -23.4175** is the 20% darker color. If you saturate the color by 10%, you get **55.9604, -19.8663, -27.0601**, and if you desaturate by 10%, it is **57.3928, -21.1045, -24.6718**.

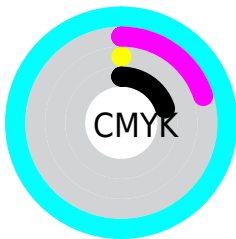
Distribution



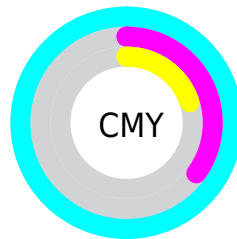
- Red (0%)
- Green (65%)
- Blue (80%)



- Red (0%)
- Yellow (36%)
- Blue (80%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (35%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.9625, -19.8695, -27.0558 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 55.9625, -19.8695, -27.0558 by changing the saturation by 10% instead.

■ 55.9625, -19.8695,
-27.0558

■ 55.9625, -19.8695,
-27.0558

175.5009,
-34.9411, -29.8027

■ 45.6530, -18.0633,
-26.4968

■ 78.5762, -23.3466,
-28.0324

■ 36.0673, -16.1895,
-25.9128

■ 90.8057, -25.0405,
-28.4416

■ 27.2661, -14.2191,
-25.3435

■ 103.6112,
-26.7147, -28.7966

■ 19.3268, -12.1051,
-24.8873

■ 116.9677,
-28.3746, -29.0982

■ 12.3555, -9.7649,
-24.8156

■ 130.8534,
-30.0241, -29.3479

■ 5.5437, -9.7015,
-32.1342

145.2489,

0.0000, NaN, -NF

-31.6667, -29.5473

0.0000, NaN, -NF

160.1366,
-33.3050, -29.6983

0.0000, NaN, NaN

■ 55.9625, -19.8695,
-27.0558

■ 55.9625, -19.8695,
-27.0558

■ 55.9604, -19.8663,
-27.0601

■ 57.3928, -21.1045,
-24.6718

■ 58.9650, -21.8168,
-22.1246

■ 60.7152, -21.8725,
-19.3729

■ 62.6526, -21.2417,
-16.4239

■ 64.7804, -19.9243,
-13.2944

■ 67.0971, -17.9411,
-10.0069

■ 69.5985, -15.3270,
-6.5855

■ 72.2782, -12.1261,
-3.0539

■ 75.1287, -8.3869,
0.5656

Harmonies

Analogous

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



55.9635, -28.5992, -10.8950



55.9625, -19.8695, -27.0558



55.9635, -5.7898, -35.3266

Triad

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



55.9635, -19.8691, -27.0548



55.9635, 31.6126, 0.2879



55.9635, -15.4895, 23.8532

Complementary

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



55.9625, -19.8695, -27.0558



38.0788, 54.9487, 24.4239

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.



55.9635, -0.1321, 25.2830



55.9625, -19.8695, -27.0558



55.9635, 28.2586, 14.1249

Square

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



55.9635, -19.8691, -27.0548



55.9635, 24.8699, -16.9149



55.9635, 16.1641, 22.2835



55.9635, -26.2799, 17.6015

Rectangle

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



55.9625, -19.8695, -27.0558



55.9635, 5.2100, -33.9371



55.9635, 16.1641, 22.2835



55.9635, -10.7417, 24.8217

Sweetspot

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



55.9635, -19.8691, -27.0548



88.9415, -19.7661, -8.6080



66.1822, -56.0084, 38.1865



40.5047, -9.8436, -4.8551

0.0000, NaN, NaN



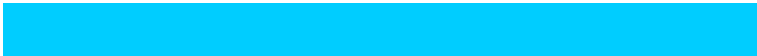
46.2646, -2.4686, 2.5136

Same Dimension

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



55.9635, -19.8691, -27.0548



71.4107, -25.1401, -34.9869



28.6055, 30.4837, -101.5541



35.1290, -3.8032, 0.3637



44.3052, -15.8812, -21.0947



10.5373, -4.2397, -4.0183

Inverse Universe

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



39.6194, 74.6997, -27.5515



50.6746, 95.5020, -34.8537



56.3598, 10.8581, 34.9174



33.7116, 2.3728, -0.3941



31.2803, 59.0178, -22.0292



7.1738, 13.6486, -5.9321

Previews

White Background



This preview shows how the HunterLab color 55.9625, -19.8695, -27.0558 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 55.9625, -19.8695, -27.0558 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

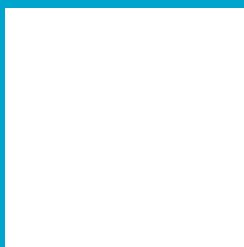
Any Text WCAG AAA ✓ Pass

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

HunterLab 55.9625, -19.8695, -27.0558 Background



This preview shows how black text looks on a background with the HunterLab color 55.9625, -19.8695, -27.0558.



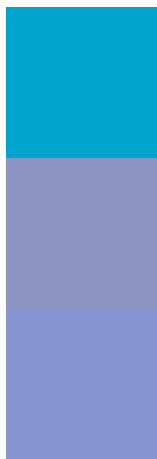
This preview shows how white text looks on a background with the HunterLab color 55.9625,

-19.8695, -27.0558.

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

55.9625, -19.8695, -27.0558

Protanopia

55.6063, 2.8056, -19.4809

Deuteranopia

55.6811, 4.4106, -29.8436



Tritanopia

55.9834, -26.7313, -12.2693

Trichromacy



Original Color

55.9625, -19.8695, -27.0558

Protanomaly

54.4038, -10.1652, -24.2221

Deuteranomaly

54.6640, -8.2712, -31.1856

Tritanomaly

55.9957, -24.3141, -17.5026

Monochromacy



Original Color

55.9625, -19.8695, -27.0558

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

46.2376, -13.8569, -9.2942

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.9625, -19.8695, -27.0558 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, 165, 205)` looks like.

```
.text, #text, p{  
    color:rgb(0, 165, 205)  
}
```

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, 165, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 165, 205) }
```

Border

The CSS property to change the border of an element to HunterLab 55.9625, -19.8695, -27.0558 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, 165, 205) }
```


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

```
.border{ border-color:rgb(0, 165, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 165, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 165, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 165, 205);  
box-shadow:4px 4px 4px 4px rgb(0, 165,  
205) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.9625, -19.8695, -27.0558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 165, 205) }
```

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

```
.background{ background-color: rgb(0, 165,  
205) }
```

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