

Converting Colors

HunterLab(50.1445, -23.6422,
-30.5260)

Have a look what the booklet for
HunterLab(50.1445, -23.6422,
-30.5260) contains.

HunterLab(51.6939, -17.1168, -27.6625)	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(51.6939,
-17.1168, -27.6625)**

Conversions

Conversions Part 1

Format	Color
Hex	0099C3
RGB	0, 153, 195
RGB Percent	0%, 60%, 76%
CMY	0.9998, 0.4000, 0.2353
CMYK	1.00, 0.22, 0.00, 0.24
HSL	193°, 100%, 38%
HSV	193°, 100%, 76%
XYZ	21.2416, 26.7226, 55.6681
YIQ	112.0410, -104.6700, -19.3740

Conversions

Conversions Part 2

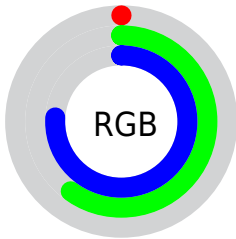
Format	Color
RYB	0, 86, 195
Decimal	39363
CIELab	58.72, -18.63, -31.10
CIELCh	59, 36.253, 239.080
Yxy	26.7235, 0.2050, 0.2579
Android (android.graphics.Color)	4278229443 (0xFF0099C3)
YUV	112.0410, 40.8988, -98.2600
Hunter-Lab	51.6939, -17.1168, -27.6625

Details

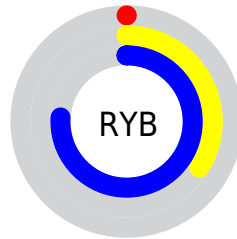
The HunterLab color **51.6939, -17.1168, -27.6625** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **36.4160, 50.6559, 23.3242**, and the grayscale version is **40.1510, -2.1424, 2.1815**.

A 20% lighter version of the original color is **73.6550, -20.0332, -29.0988**, and **33.8021, -8.6747, -23.5235** is the 20% darker color. If you saturate the color by 10%, you get **51.6916, -17.1133, -27.6672**, and if you desaturate by 10%, it is **53.1665, -18.4370, -25.1387**.

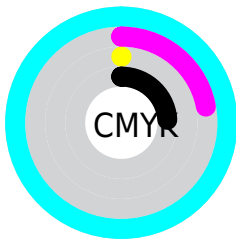
Distribution



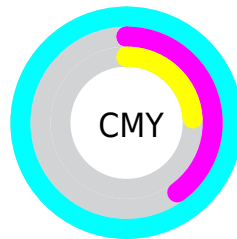
- Red (0%)
- Green (60%)
- Blue (76%)



- Red (0%)
- Yellow (34%)
- Blue (76%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (40%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.6939, -17.1168, -27.6625 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 51.6939, -17.1168, -27.6625 by changing the saturation by 10% instead.

■ 51.6939, -17.1168,
-27.6625

■ 51.6939, -17.1168,
-27.6625

169.2087,
-31.0461, -30.7507

■ 41.6721, -15.4646,
-27.0792

■ 73.7834, -20.3057,
-28.7094

■ 32.3968, -13.7523,
-26.4889

■ 85.7713, -21.8644,
-29.1577

■ 23.9348, -11.9506,
-25.9531

■ 98.3462, -23.4086,
-29.5525

■ 16.3733, -10.0106,
-25.6278

■ 111.4819,
-24.9429, -29.8937

■ 9.8360, -8.8191,
-25.9801

■ 125.1553,
-26.4712, -30.1826

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 139.3461,

-27.9963, -30.4206

0.0000, NaN, NaN

154.0360,
-29.5207, -30.6094

0.0000, NaN, NaN

■ 51.6939, -17.1168,
-27.6625

■ 51.6939, -17.1168,
-27.6625

■ 51.6916, -17.1133,
-27.6672

■ 53.1665, -18.4370,
-25.1387

■ 54.7753, -19.2619,
-22.4706

■ 56.5552, -19.4619,
-19.6186

■ 58.5134, -19.0134,
-16.5927

■ 60.6514, -17.9206,
-13.4119

■ 62.9669, -16.2062,
-10.0992

■ 65.4547, -13.9060,
-6.6781

■ 68.1082, -11.0627,
-3.1713

■ 70.9195, -7.7227,
0.4012

Harmonies

Analogous

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



51.6948, -26.1822, -12.8383



51.6939, -17.1168, -27.6625



51.6948, -3.2356, -34.0271

Triad

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



51.6948, -17.1164, -27.6615



51.6948, 30.3109, 2.3596



51.6948, -16.3831, 21.8774

Complementary

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



51.6939, -17.1168, -27.6625



36.4160, 50.6559, 23.3242

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.



51.6948, -2.2848, 23.8015



51.6939, -17.1168, -27.6625



51.6948, 25.7528, 14.7201

Square

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



51.6948, -17.1164, -27.6615



51.6948, 25.1802, -13.8575



51.6948, 13.3548, 21.6187



51.6948, -25.7950, 15.2984

Rectangle

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



51.6939, -17.1168, -27.6625



51.6948, 7.2814, -31.5219



51.6948, 13.3548, 21.6187



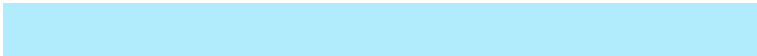
51.6948, -12.0910, 22.9868

Sweetspot

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



51.6948, -17.1164, -27.6615



87.4294, -18.7775, -9.1633



62.5920, -52.8347, 35.8229



40.2330, -9.4427, -5.2155

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.6948, -17.1164, -27.6615



68.9021, -22.5202, -37.5070



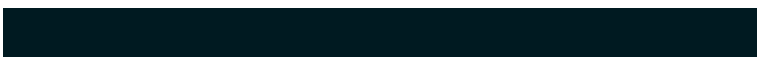
26.4959, 30.3714, -98.6748



33.2389, -3.5075, 0.2909



41.8249, -14.0063, -22.0419



9.2186, -3.6199, -3.7080

Inverse Universe

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



37.2869, 70.0166, -23.7204



49.8596, 93.5693, -31.2168



54.1809, 8.5748, 33.5347



31.9518, 2.1922, -0.2800



30.0802, 56.5245, -19.4092



6.3280, 12.0160, -5.0517

Previews

White Background



This preview shows how the HunterLab color 51.6939, -17.1168, -27.6625 looks on a white background.

Color Contrast Check

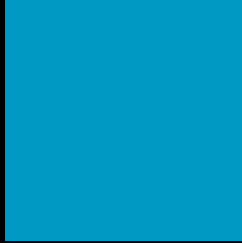
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.6939, -17.1168, -27.6625 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

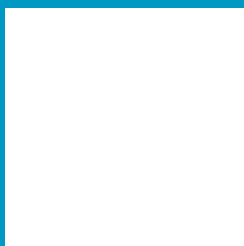
Any Text WCAG AAA × Fail

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

HunterLab 51.6939, -17.1168, -27.6625 Background



This preview shows how black text looks on a background with the HunterLab color 51.6939, -17.1168, -27.6625.



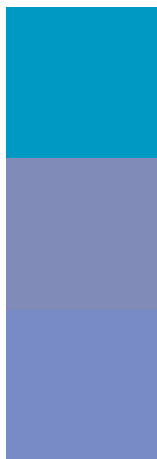
This preview shows how white text looks on a background with the HunterLab color 51.6939,

-17.1168, -27.6625.

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

51.6939, -17.1168, -27.6625

Protanopia

51.4928, 2.7428, -20.4363

Deuteranopia

51.5126, 4.0063, -29.6803



Tritanopia

51.5792, -24.6613, -11.2329

Trichromacy



Original Color

51.6939, -17.1168, -27.6625

Protanomaly

50.3256, -8.4643, -25.1895

Deuteranomaly

50.5116, -7.0046, -31.0011

Tritanomaly

51.6305, -22.0474, -16.9396

Monochromacy



Original Color

51.6939, -17.1168, -27.6625

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

42.9783, -12.6208, -9.0418

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.6939, -17.1168, -27.6625 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, 153, 195)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 195)  
}
```

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, 153, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 195) }
```

Border

The CSS property to change the border of an element to HunterLab 51.6939, -17.1168, -27.6625 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, 153, 195) }
```


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

```
.border{ border-color:rgb(0, 153, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 153, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 195);  
box-shadow:4px 4px 4px 4px rgb(0, 153,  
195) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.6939, -17.1168, -27.6625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 153, 195) }
```

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

```
.background{ background-color: rgb(0, 153,  
195) }
```

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