

Converting Colors

HunterLab(48.8644, -34.0105,
-32.9062)

Have a look what the booklet for
HunterLab(48.8644, -34.0105,
-32.9062) contains.

HunterLab(52.6470, -18.4267, -26.0262)	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(52.6470,
-18.4267, -26.0262)**

Conversions

Conversions Part 1

Format	Color
Hex	009CC3
RGB	0, 156, 195
RGB Percent	0%, 61%, 76%
CMY	0.9998, 0.3882, 0.2353
CMYK	1.00, 0.20, 0.00, 0.24
HSL	192°, 100%, 38%
HSV	192°, 100%, 76%
XYZ	21.7388, 27.7171, 55.8340
YIQ	113.8020, -105.4950, -20.9430

Conversions

Conversions Part 2

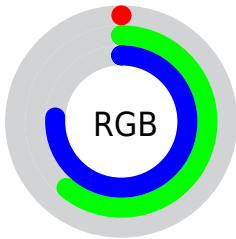
Format	Color
R _{YB}	0, 87, 195
Decimal	40131
CIE _{Lab}	59.63, -20.23, -29.68
CIE _{LCh}	60, 35.917, 235.729
Yxy	27.7180, 0.2065, 0.2632
Android (android.graphics.Color)	4278230211 (0xFF009CC3)
YUV	113.8020, 40.0306, -99.8044
Hunter-Lab	52.6470, -18.4267, -26.0262

Details

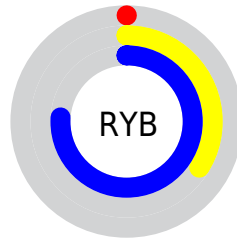
The HunterLab color **52.6470, -18.4267, -26.0262** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **36.1332, 51.5395, 23.1654**, and the grayscale version is **40.8299, -2.1786, 2.2184**.

A 20% lighter version of the original color is **74.9756, -21.9252, -27.0124**, and **34.6789, -9.9400, -21.8880** is the 20% darker color. If you saturate the color by 10%, you get **52.6450, -18.4237, -26.0302**, and if you desaturate by 10%, it is **54.0296, -19.6110, -23.7076**.

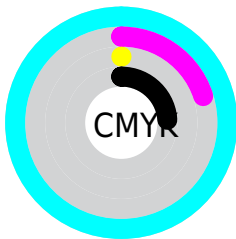
Distribution



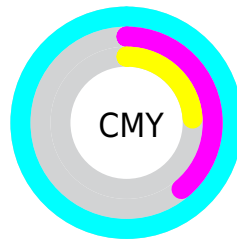
- Red (0%)
- Green (61%)
- Blue (76%)



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



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (39%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.6470, -18.4267, -26.0262 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 52.6470, -18.4267, -26.0262 by changing the saturation by 10% instead.

■ 52.6470, -18.4267,
-26.0262

■ 52.6470, -18.4267,
-26.0262

170.6215,
-33.0243, -28.7500

■ 42.5596, -16.6788,
-25.4689

■ 74.8558, -21.7896,
-27.0015

■ 33.2134, -14.8632,
-24.8908

■ 86.8987, -23.4283,
-27.4095

■ 24.6737, -12.9487,
-24.3395

■ 99.5260, -25.0486,
-27.7626

■ 17.0253, -10.8835,
-23.9381

■ 112.7118,
-26.6558, -28.0616

■ 10.3876, -9.2444,
-24.0503

■ 126.4334,
-28.2541, -28.3080

0.0000, NaN, -NF

0.0000, NaN, -NF

140.6706,

-29.8466, -28.5037

0.0000, NaN, NaN

155.4054,
-31.4360, -28.6503

0.0000, NaN, NaN

■ 52.6470, -18.4267,
-26.0262

■ 52.6470, -18.4267,
-26.0262

■ 52.6450, -18.4237,
-26.0302

■ 54.0296, -19.6110,
-23.7076

■ 55.5454, -20.3065,
-21.2397

■ 57.2295, -20.3824,
-18.5815

■ 59.0902, -19.8125,
-15.7407

■ 61.1299, -18.5979,
-12.7340

■ 63.3470, -16.7592,
-9.5831

■ 65.7372, -14.3301,
-6.3106

■ 68.2944, -11.3520,
-2.9391

■ 71.0113, -7.8706,
0.5109

Harmonies

Analogous

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



52.6479, -26.8552, -10.8415



52.6470, -18.4267, -26.0262



52.6479, -4.9928, -33.5365

Triad

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



52.6479, -18.4263, -26.0253



52.6479, 29.9813, 0.7309



52.6479, -15.0248, 22.4071

Complementary

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



52.6470, -18.4267, -26.0262



36.1332, 51.5395, 23.1654

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.



52.6479, -0.5951, 23.8836



52.6470, -18.4267, -26.0262



52.6479, 26.5104, 13.6576

Square

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



52.6479, -18.4263, -26.0253



52.6479, 23.8733, -15.5282



52.6479, 14.8651, 21.1921



52.6479, -25.0549, 16.3541

Rectangle

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



52.6470, -18.4267, -26.0262



52.6479, 5.4324, -31.9665



52.6479, 14.8651, 21.1921



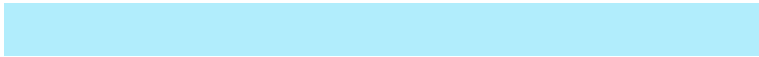
52.6479, -10.5783, 23.3646

Sweetspot

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



52.6479, -18.4263, -26.0253



87.8139, -19.3533, -8.6618



62.5920, -52.8348, 35.8230



40.4392, -9.7472, -4.9417

0.0000, NaN, NaN



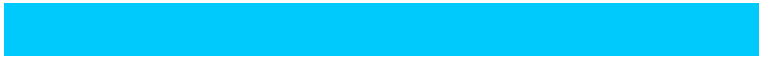
46.2646, -2.4686, 2.5136

Same Dimension

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



52.6479, -18.4263, -26.0253



70.1960, -24.3036, -35.2743



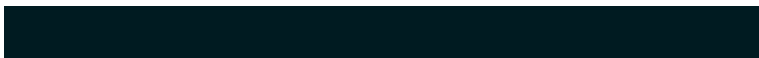
26.4957, 30.3720, -98.6760



33.2792, -3.5724, 0.3390



42.5836, -15.0464, -20.7451



9.3415, -3.7817, -3.5124

Inverse Universe

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



37.4213, 70.4931, -25.5416



50.0415, 94.2141, -33.6831



54.1808, 8.5750, 33.5347



31.9560, 2.2149, -0.3402



30.1875, 56.9046, -20.8619



6.3462, 12.0800, -5.2951

Previews

White Background



This preview shows how the HunterLab color 52.6470, -18.4267, -26.0262 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 52.6470, -18.4267, -26.0262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

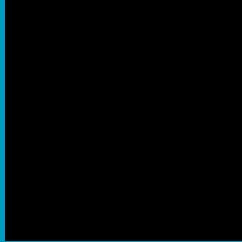
Any Text WCAG AA ✓ Pass

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 52.6470, -18.4267, -26.0262 Background



This preview shows how black text looks on a background with the HunterLab color 52.6470, -18.4267, -26.0262.



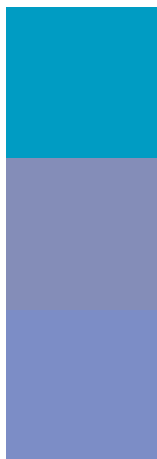
This preview shows how white text looks on a background with the HunterLab color 52.6470,

-18.4267, -26.0262.

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

52.6470, -18.4267, -26.0262

Protanopia

52.3603, 2.7747, -19.0363

Deuteranopia

52.3565, 3.9396, -28.1704



Tritanopia

52.6655, -25.2296, -11.3638

Trichromacy



Original Color

52.6470, -18.4267, -26.0262



Protanomaly

51.0621, -8.9143, -23.9350



Deuteranomaly

51.2360, -7.5083, -29.6869



Tritanomaly

52.6773, -22.8383, -16.5408

Monochromacy



Original Color

52.6470, -18.4267, -26.0262



Achromatopsia

41.0207, -2.1888, 2.2287



Achromatomaly

43.7037, -12.9465, -8.5510

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.6470, -18.4267, -26.0262 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, 156, 195)` looks like.

```
.text, #text, p{  
  color:rgb(0, 156, 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, 156, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 156, 195) }
```

Border

The CSS property to change the border of an element to HunterLab 52.6470, -18.4267, -26.0262 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, 156, 195) }
```


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

```
.border{ border-color:rgb(0, 156, 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, 156, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 156, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 156, 195);  
box-shadow:4px 4px 4px 4px rgb(0, 156,  
195) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.6470, -18.4267, -26.0262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 156, 195) }
```

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

```
.background{ background-color: rgb(0, 156,  
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