

Converting Colors

HunterLab(47.4215, -39.8277,
-50.7702)

Have a look what the booklet for
HunterLab(47.4215, -39.8277,
-50.7702) contains.

HunterLab(53.8228, -13.9502, -37.1593)	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(53.8228,
-13.9502, -37.1593)**

Conversions

Conversions Part 1

Format	Color
Hex	009DD6
RGB	0, 157, 214
RGB Percent	0%, 62%, 84%
CMY	0.9998, 0.3843, 0.1608
CMYK	1.00, 0.27, 0.00, 0.16
HSL	196°, 100%, 42%
HSV	196°, 100%, 84%
XYZ	24.1945, 28.9689, 67.9346
YIQ	116.5550, -111.8690, -15.5570

Conversions

Conversions Part 2

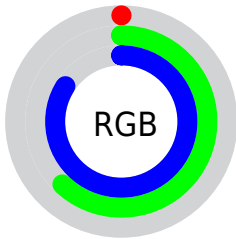
Format	Color
RYB	0, 91, 214
Decimal	40406
CIELab	60.76, -13.96, -38.56
CIELCh	61, 41.011, 250.106
Yxy	28.9699, 0.1998, 0.2392
Android (android.graphics.Color)	4278230486 (0xFF009DD6)
YUV	116.5550, 48.0404, -102.2187
Hunter-Lab	53.8228, -13.9502, -37.1593

Details

The HunterLab color **53.8228, -13.9502, -37.1593** 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 **41.5062, 52.9306, 26.5005**, and the grayscale version is **41.8628, -2.2337, 2.2745**.

A 20% lighter version of the original color is **75.5855, -21.1089, -28.0053**, and **35.7928, -5.7253, -32.3788** is the 20% darker color. If you saturate the color by 10%, you get **53.8190, -13.9444, -37.1671**, and if you desaturate by 10%, it is **55.7750, -15.9935, -33.5399**.

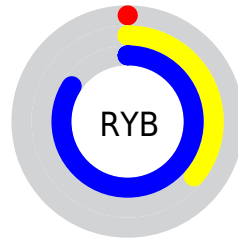
Distribution



Red (0%)

Green (62%)

Blue (84%)



Red (0%)

Yellow (36%)

Blue (84%)

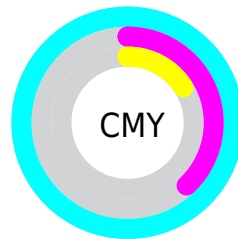


Cyan (100%)

Magenta (27%)

Yellow (0%)

Black (16%)



Cyan (100%)

Magenta (38%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.8228, -13.9502, -37.1593 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 53.8228, -13.9502, -37.1593 by changing the saturation by 10% instead.

■ 53.8228, -13.9502,
-37.1593

■ 53.8228, -13.9502,
-37.1593

172.3580,
-25.9095, -41.6656

■ 43.6555, -12.5939,
-36.5041

■ 76.1769, -16.6132,
-38.4501

■ 34.2231, -11.2084,
-35.9041

■ 88.2868, -17.9342,
-39.0484

■ 25.5892, -9.7754,
-35.4653

■ 100.9780,
-19.2536, -39.6034

■ 17.8356, -8.2653,
-35.4360

■ 114.2249,
-20.5744, -40.1117

■ 11.0770, -6.6380,
-36.5022

■ 128.0054,
-21.8988, -40.5719

■ 2.8912, -5.0596,
-83.6312

142.2993,

0.0000, NaN, -NF

-23.2287, -40.9839

0.0000, NaN, -NF

157.0889,
-24.5652, -41.3482

0.0000, NaN, NaN

■ 53.8228, -13.9502,
-37.1593

■ 53.8228, -13.9502,
-37.1593

■ 53.8190, -13.9444,
-37.1671

■ 55.7750, -15.9935,
-33.5399

■ 57.8967, -17.4435,
-29.7796

■ 60.2216, -18.1708,
-25.8445

■ 62.7548, -18.1577,
-21.7551

■ 65.4943, -17.4185,
-17.5399

■ 68.4342, -15.9883,
-13.2291

■ 71.5661, -13.9142,
-8.8509

■ 74.8801, -11.2493,
-4.4296

■ 78.3656, -8.0487,
0.0147

Harmonies

Analogous

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



53.8237, -26.4635, -22.3118



53.8228, -13.9502, -37.1593



53.8237, 3.2147, -39.5626

Triad

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



53.8237, -13.9496, -37.1582



53.8237, 34.8030, 8.2956



53.8237, -23.0508, 22.2439

Complementary

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



53.8228, -13.9502, -37.1593



41.5062, 52.9306, 26.5005

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.



53.8237, -8.7050, 26.0166



53.8228, -13.9502, -37.1593



53.8237, 25.6390, 19.8621

Square

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



53.8237, -13.9496, -37.1582



53.8237, 32.9243, -9.2625



53.8237, 9.1749, 25.3141



53.8237, -31.2296, 12.8037

Rectangle

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



53.8228, -13.9502, -37.1593



53.8237, 15.2402, -33.1781



53.8237, 9.1749, 25.3141



53.8237, -18.8715, 24.0533

Sweetspot

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



53.8237, -13.9496, -37.1582



87.1453, -17.0614, -10.9672



69.5384, -58.2827, 38.9014



39.5535, -8.4295, -6.1291

0.0000, NaN, NaN



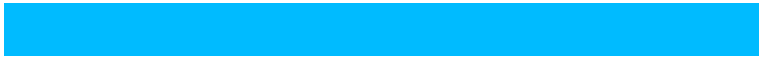
46.2646, -2.4686, 2.5136

Same Dimension

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



53.8237, -13.9496, -37.1582



65.4125, -16.6868, -45.7379



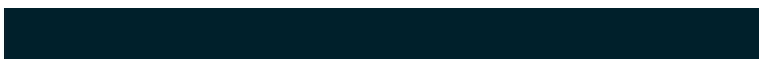
27.2966, 40.0937, -120.6623



36.7723, -3.6774, 0.1223



42.0550, -11.1511, -28.4931



10.9514, -3.6209, -5.8718

Inverse Universe

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



40.9045, 75.9943, -19.7013



49.8504, 92.5729, -23.6208



62.9416, 4.4027, 38.8600



35.4593, 2.4071, -0.1165



31.8281, 59.1853, -15.7021



7.9019, 14.8382, -5.0183

Previews

White Background



This preview shows how the HunterLab color 53.8228, -13.9502, -37.1593 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 53.8228, -13.9502, -37.1593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

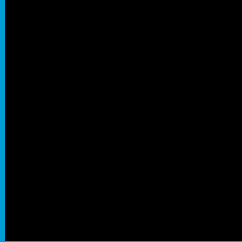
Any Text WCAG AA ✓ Pass

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 53.8228, -13.9502, -37.1593 Background



This preview shows how black text looks on a background with the HunterLab color 53.8228, -13.9502, -37.1593.



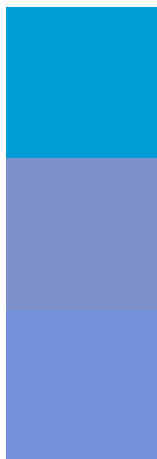
This preview shows how white text looks on a background with the HunterLab color 53.8228,

-13.9502, -37.1593.

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

53.8228, -13.9502, -37.1593

Protanopia

53.7099, 4.5629, -29.1942

Deuteranopia

53.7010, 4.3767, -39.3109



Tritanopia

53.7556, -25.8001, -11.4949

Trichromacy



Original Color

53.8228, -13.9502, -37.1593

Protanomaly

52.6775, -6.1056, -34.0888

Deuteranomaly

52.7913, -4.8453, -40.5182

Tritanomaly

53.6803, -21.5961, -20.4758

Monochromacy



Original Color

53.8228, -13.9502, -37.1593

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

44.9726, -12.2486, -11.6653

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.8228, -13.9502, -37.1593 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, 157, 214)` looks like.

```
.text, #text, p{  
    color:rgb(0, 157, 214)  
}
```

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, 157, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 157, 214) }
```

Border

The CSS property to change the border of an element to HunterLab 53.8228, -13.9502, -37.1593 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, 157, 214) }
```


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

```
.border{ border-color:rgb(0, 157, 214) }
```

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

Here you see how a box with a 4 pixel rgb(0, 157, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 157, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 157, 214);  
box-shadow:4px 4px 4px 4px rgb(0, 157,  
214) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.8228, -13.9502, -37.1593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 157, 214) }
```

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

```
.background{ background-color: rgb(0, 157,  
214) }
```

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