

Converting Colors

HunterLab(53.2594, -15.7093,
-42.2983)

Have a look what the booklet for
HunterLab(53.2594, -15.7093,
-42.2983) contains.

HunterLab(54.0633, -12.5865, -40.4037)	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(54.0633,
-12.5865, -40.4037)**

Conversions

Conversions Part 1

Format	Color
Hex	009DDB
RGB	0, 157, 219
RGB Percent	0%, 62%, 86%
CMY	0.9998, 0.3843, 0.1412
CMYK	1.00, 0.28, 0.00, 0.14
HSL	197°, 100%, 43%
HSV	197°, 100%, 86%
XYZ	24.8432, 29.2284, 71.3501
YIQ	117.1250, -113.4740, -14.0020

Conversions

Conversions Part 2

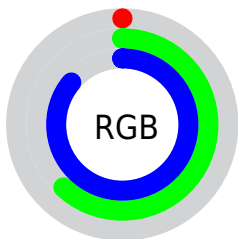
Format	Color
RYB	0, 91, 219
Decimal	40411
CIELab	60.98, -12.13, -40.99
CIELCh	61, 42.745, 253.510
Yxy	29.2294, 0.1981, 0.2330
Android (android.graphics.Color)	4278230491 (0xFF009DDB)
YUV	117.1250, 50.2244, -102.7186
Hunter-Lab	54.0633, -12.5865, -40.4037

Details

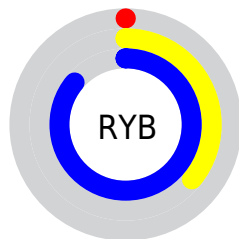
The HunterLab color **54.0633, -12.5865, -40.4037** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **43.0250, 53.0668, 27.4386**, and the grayscale version is **42.0755, -2.2450, 2.2860**.

A 20% lighter version of the original color is **75.2942, -20.4893, -28.4612**, and **36.0394, -4.3529, -35.6495** is the 20% darker color. If you saturate the color by 10%, you get **54.0590, -12.5798, -40.4128**, and if you desaturate by 10%, it is **56.1704, -14.8819, -36.3890**.

Distribution



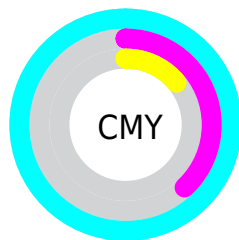
- Red (0%)
- Green (62%)
- Blue (86%)



- Red (0%)
- Yellow (36%)
- Blue (86%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (38%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 54.0633, -12.5865, -40.4037 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 54.0633, -12.5865, -40.4037 by changing the saturation by 10% instead.

■ 54.0633, -12.5865,
-40.4037

■ 54.0633, -12.5865,
-40.4037

172.7124,
-23.7949, -45.3196

■ 43.8798, -11.3402,
-39.7418

■ 76.4469, -15.0518,
-41.7523

■ 34.4300, -10.0749,
-39.1628

■ 88.5704, -16.2825,
-42.3920

■ 25.7769, -8.7756,
-38.7925

■ 101.2745,
-17.5163, -42.9933

■ 18.0022, -7.4181,
-38.9225

■ 114.5339,
-18.7555, -43.5512

■ 11.2192, -5.9563,
-40.3490

■ 128.3263,
-20.0017, -44.0633

■ 3.2997, -5.7745,
-82.5424

142.6317,

0.0000, NaN, -NF

-21.2564, -44.5287

0.0000, NaN, -NF

157.4324,
-22.5206, -44.9473

0.0000, NaN, NaN

■ 54.0633, -12.5865,
-40.4037

■ 54.0633, -12.5865,
-40.4037

■ 54.0590, -12.5798,
-40.4128

■ 56.1704, -14.8819,
-36.3890

■ 58.4581, -16.5537,
-32.2403

■ 60.9596, -17.4731,
-27.9258

■ 63.6786, -17.6252,
-23.4698

■ 66.6119, -17.0286,
-18.9041

■ 69.7522, -15.7225,
-14.2606

■ 73.0898, -13.7580,
-9.5682

■ 76.6138, -11.1915,
-4.8512

■ 80.3128, -8.0808,
-0.1287

Harmonies

Analogous

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



54.0642, -26.2690, -25.8007



54.0633, -12.5865, -40.4037



54.0642, 5.6452, -41.1826

Triad

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



54.0642, -12.5859, -40.4026



54.0642, 36.0762, 10.2426



54.0642, -25.1921, 22.1313

Complementary

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



54.0633, -12.5865, -40.4037



43.0250, 53.0668, 27.4386

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.



54.0642, -10.9220, 26.5348



54.0633, -12.5865, -40.4037



54.0642, 25.2974, 21.3916

Square

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



54.0642, -12.5859, -40.4026



54.0642, 35.4731, -7.5301



54.0642, 7.5464, 26.3193



54.0642, -32.8516, 11.6660

Rectangle

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



54.0633, -12.5865, -40.4037



54.0642, 18.1071, -33.3979



54.0642, 7.5464, 26.3193



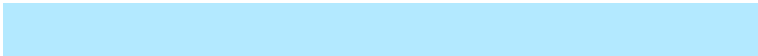
54.0642, -21.0988, 24.1846

Sweetspot

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



54.0642, -12.5859, -40.4026



86.7256, -16.4224, -11.5263



71.3960, -59.6707, 39.5760



39.3314, -8.0952, -6.4316

0.0000, NaN, NaN



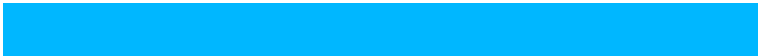
46.2646, -2.4686, 2.5136

Same Dimension

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



54.0642, -12.5859, -40.4026



64.0319, -14.6534, -48.4018



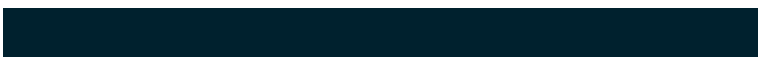
27.3770, 43.2216, -127.5146



37.6482, -3.6929, 0.0592



41.8602, -10.0316, -30.6663



11.3083, -3.4944, -6.5910

Inverse Universe

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



41.8280, 77.4441, -18.0860



49.6691, 91.9255, -21.1263



65.6001, 2.7504, 40.4692



36.3437, 2.4521, -0.0502



32.2377, 59.7454, -14.3417



8.2933, 15.5199, -4.8534

Previews

White Background



This preview shows how the HunterLab color 54.0633, -12.5865, -40.4037 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 54.0633, -12.5865, -40.4037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

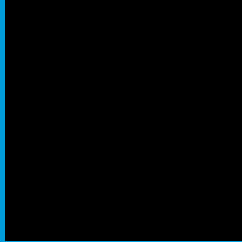
Any Text WCAG AA ✓ Pass

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 54.0633, -12.5865, -40.4037 Background



This preview shows how black text looks on a background with the HunterLab color 54.0633, -12.5865, -40.4037.



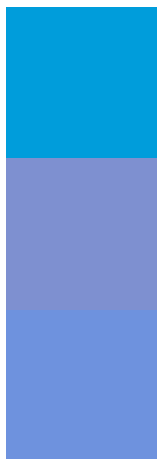
This preview shows how white text looks on a background with the HunterLab color 54.0633, -12.5865, -40.4037.

-12.5865, -40.4037.

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

54.0633, -12.5865, -40.4037

Protanopia

53.7924, 5.2887, -32.5341

Deuteranopia

53.9877, 4.3608, -42.5512



Tritanopia

54.1198, -25.9907, -11.5386

Trichromacy



Original Color

54.0633, -12.5865, -40.4037

Protanomaly

52.8714, -4.9505, -37.3566

Deuteranomaly

53.2309, -4.3471, -43.4687

Tritanomaly

54.0845, -21.5480, -21.0849

Monochromacy



Original Color

54.0633, -12.5865, -40.4037

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

45.0461, -11.8306, -12.6889

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 54.0633, -12.5865, -40.4037 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(0, 157, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 157, 219) }
```

Border

The CSS property to change the border of an element to HunterLab 54.0633, -12.5865, -40.4037 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, 219) }
```


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

```
.border{ border-color:rgb(0, 157, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 157, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 157, 219);  
box-shadow:4px 4px 4px 4px rgb(0, 157,  
219) }
```

Background

The CSS property to change the background color of an element to HunterLab 54.0633, -12.5865, -40.4037 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, 219) }
```

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

```
.background{ background-color: rgb(0, 157,  
219) }
```

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