

Converting Colors

HunterLab(54.5978, -12.6804,
-40.8673)

Have a look what the booklet for
HunterLab(54.5978, -12.6804,
-40.8673) contains.

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Color

**HunterLab(54.4740,
-12.4988, -41.1066)**

Conversions

Conversions Part 1

Format	Color
Hex	009EDD
RGB	0, 158, 221
RGB Percent	0%, 62%, 87%
CMY	0.9998, 0.3804, 0.1333
CMYK	1.00, 0.29, 0.00, 0.13
HSL	197°, 100%, 43%
HSV	197°, 100%, 87%
XYZ	25.2780, 29.6742, 72.8020
YIQ	117.9400, -114.3910, -13.9030

Conversions

Conversions Part 2

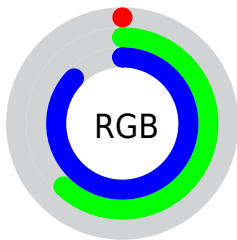
Format	Color
R _{YB}	0, 92, 221
Decimal	40669
CIE _{Lab}	61.37, -11.96, -41.49
CIE _{LCh}	61, 43.175, 253.922
Yxy	29.6751, 0.1979, 0.2323
Android (android.graphics.Color)	4278230749 (0xFF009EDD)
YUV	117.9400, 50.8086, -103.4334
Hunter-Lab	54.4740, -12.4988, -41.1066

Details

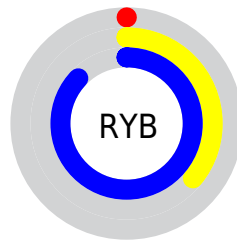
The HunterLab color **54.4740, -12.4988, -41.1066** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **43.5123, 53.4849, 27.7463**, and the grayscale version is **42.3882, -2.2617, 2.3030**.

A 20% lighter version of the original color is **75.6637, -20.8194, -27.8753**, and **36.4260, -4.2524, -36.3498** is the 20% darker color. If you saturate the color by 10%, you get **54.4699, -12.4923, -41.1153**, and if you desaturate by 10%, it is **56.6148, -14.8457, -37.0138**.

Distribution



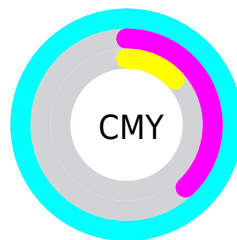
- Red (0%)
- Green (62%)
- Blue (87%)



- Red (0%)
- Yellow (36%)
- Blue (87%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (38%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 54.4740, -12.4988, -41.1066 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 54.4740, -12.4988, -41.1066 by changing the saturation by 10% instead.

■ 54.4740, -12.4988,
-41.1066

■ 54.4740, -12.4988,
-41.1066

173.3168,
-23.6367, -46.0915

■ 44.2630, -11.2636,
-40.4429

■ 76.9078, -14.9448,
-42.4649

■ 34.7835, -10.0107,
-39.8649

■ 89.0543, -16.1669,
-43.1114

■ 26.0981, -8.7257,
-39.4998

■ 101.7806,
-17.3927, -43.7204

■ 18.2873, -7.3854,
-39.6391

■ 115.0611,
-18.6242, -44.2865

■ 11.4629, -5.9460,
-41.0720

■ 128.8738,
-19.8633, -44.8074

■ 3.8986, -6.8225,
-72.7382

143.1988,

0.0000, NaN, -NF

-21.1111, -45.2818

0.0000, NaN, -NF

158.0185,
-22.3686, -45.7097

0.0000, NaN, NaN

■ 54.4740, -12.4988,
-41.1066

■ 54.4740, -12.4988,
-41.1066

■ 54.4699, -12.4923,
-41.1153

■ 56.6148, -14.8457,
-37.0138

■ 58.9392, -16.5598,
-32.7863

■ 61.4802, -17.5120,
-28.3930

■ 64.2417, -17.6875,
-23.8587

■ 67.2202, -17.1054,
-19.2157

■ 70.4082, -15.8059,
-14.4965

■ 73.7958, -13.8408,
-9.7304

■ 77.3718, -11.2676,
-4.9417

■ 81.1245, -8.1445,
-0.1496

Harmonies

Analogous

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



54.4749, -26.4277, -26.4362



54.4740, -12.4988, -41.1066



54.4749, 5.9984, -41.6783

Triad

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



54.4749, -12.4981, -41.1055



54.4749, 36.4914, 10.5575



54.4749, -25.6396, 22.2716

Complementary

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



54.4740, -12.4988, -41.1066



43.5123, 53.4849, 27.7463

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.



54.4749, -11.2796, 26.7863



54.4740, -12.4988, -41.1066



54.4749, 25.4302, 21.7314

Square

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



54.4749, -12.4981, -41.1055



54.4749, 36.0490, -7.3640



54.4749, 7.3918, 26.6292



54.4749, -33.2873, 11.5993

Rectangle

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



54.4740, -12.4988, -41.1066



54.4749, 18.6038, -33.6589



54.4749, 7.3918, 26.6292



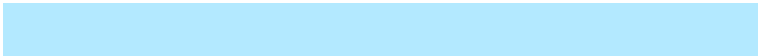
54.4749, -21.5285, 24.3707

Sweetspot

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



54.4749, -12.4981, -41.1055



86.6766, -16.3476, -11.5917



72.1587, -60.1184, 39.5888



39.3055, -8.0560, -6.4670

0.0000, NaN, NaN



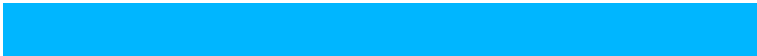
46.2646, -2.4686, 2.5136

Same Dimension

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



54.4749, -12.4981, -41.1055



63.8713, -14.4144, -48.7170



27.0714, 45.6341, -132.3409



37.6423, -3.6834, 0.0521



41.7582, -9.8810, -30.8640



11.2863, -3.4634, -6.6304

Inverse Universe

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



42.2399, 78.1745, -18.0093



49.6482, 91.8509, -20.8384



67.3120, 0.9734, 41.4930



36.3431, 2.4488, -0.0414



32.2243, 59.6977, -14.1578



8.2902, 15.5091, -4.8122

Previews

White Background



This preview shows how the HunterLab color 54.4740, -12.4988, -41.1066 looks on a white background.

Color Contrast Check

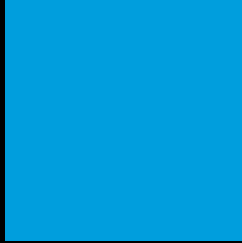
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.4740, -12.4988, -41.1066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

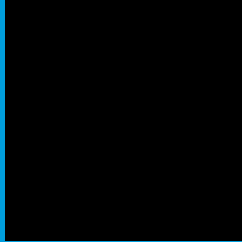
Any Text WCAG AA ✓ Pass

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 54.4740, -12.4988, -41.1066 Background



This preview shows how black text looks on a background with the HunterLab color 54.4740, -12.4988, -41.1066.



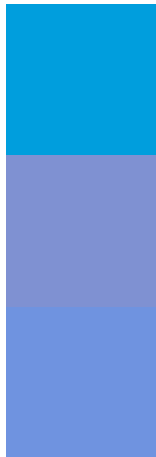
This preview shows how white text looks on a background with the HunterLab color 54.4740,

-12.4988, -41.1066.

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

54.4740, -12.4988, -41.1066

Protanopia

54.2365, 5.5010, -33.1374

Deuteranopia

54.4323, 4.5779, -43.1934



Tritanopia

54.4844, -26.1815, -11.5824

Trichromacy



Original Color

54.4740, -12.4988, -41.1066



Protanomaly

53.3077, -4.7635, -37.9932



Deuteranomaly

53.6661, -4.1622, -44.1320



Tritanomaly

54.4485, -21.7365, -21.1330

Monochromacy



Original Color

54.4740, -12.4988, -41.1066



Achromatopsia

42.5634, -2.2711, 2.3126



Achromatomaly

45.4285, -11.8948, -12.6879

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 54.4740, -12.4988, -41.1066 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, 158, 221)` looks like.

```
.text, #text, p{  
    color:rgb(0, 158, 221)  
}
```

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, 158, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 158, 221) }
```

Border

The CSS property to change the border of an element to HunterLab 54.4740, -12.4988, -41.1066 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, 158, 221) }
```


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

```
.border{ border-color:rgb(0, 158, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 158, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 158, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 158, 221);  
box-shadow:4px 4px 4px 4px rgb(0, 158,  
221) }
```

Background

The CSS property to change the background color of an element to HunterLab 54.4740, -12.4988, -41.1066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 158, 221) }
```

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

```
.background{ background-color: rgb(0, 158,  
221) }
```

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](#).

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