

Converting Colors

HunterLab(54.7666, -16.3462,
-28.3850)

Have a look what the booklet for
HunterLab(54.7666, -16.3462,
-28.3850) contains.

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Color

**HunterLab(54.7473,
-16.3042, -28.4173)**

Conversions

Conversions Part 1

Format	Color
Hex	29A0CC
RGB	41, 160, 204
RGB Percent	16%, 63%, 80%
CMY	0.8392, 0.3725, 0.2000
CMYK	0.80, 0.22, 0.00, 0.20
HSL	196°, 67%, 48%
HSV	196°, 80%, 80%
XYZ	24.3843, 29.9727, 61.6269
YIQ	129.4350, -85.0480, -11.5440

Conversions

Conversions Part 2

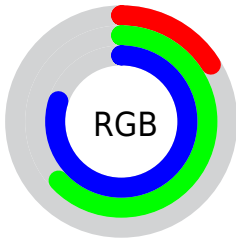
Format	Color
RYB	41, 110, 204
Decimal	2728140
CIELab	61.63, -16.91, -31.59
CIElCh	62, 35.830, 241.845
Yxy	29.9737, 0.2102, 0.2584
Android (android.graphics.Color)	4280918220 (0xFF29A0CC)
YUV	129.4350, 36.7605, -77.5575
Hunter-Lab	54.7473, -16.3042, -28.4173

Details

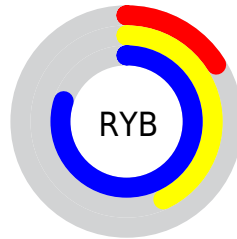
The HunterLab color **54.7473, -16.3042, -28.4173** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **44.1552, 38.1522, 25.0575**, and the grayscale version is **46.9109, -2.5030, 2.5488**.

A 20% lighter version of the original color is **77.0270, -20.8742, -25.7242**, and **35.9543, -8.9665, -25.5837** is the 20% darker color. If you saturate the color by 10%, you get **52.7161, -14.9229, -32.0292**, and if you desaturate by 10%, it is **56.9731, -17.0012, -24.6417**.

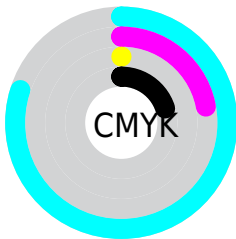
Distribution



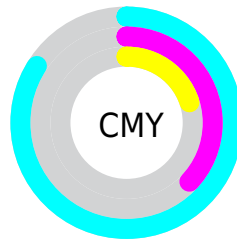
- Red (16%)
- Green (63%)
- Blue (80%)



- Red (16%)
- Yellow (43%)
- Blue (80%)



- Cyan (80%)
- Magenta (22%)
- Yellow (0%)
- Black (20%)



- Cyan (84%)
- Magenta (37%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 54.7473, -16.3042, -28.4173 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 54.7473, -16.3042, -28.4173 by changing the saturation by 10% instead.

■ 54.7473, -16.3042,
-28.4173

■ 54.7473, -16.3042,
-28.4173

173.7187,
-29.4869, -31.4836

■ 44.5181, -14.7714,
-27.8342

■ 77.2144, -19.2871,
-29.4576

■ 35.0190, -13.1942,
-27.2374

■ 89.3763, -20.7546,
-29.9024

■ 26.3121, -11.5503,
-26.6774

■ 102.1171,
-22.2135, -30.2939

■ 18.4774, -9.8031,
-26.2779

■ 115.4117,
-23.6675, -30.6324

■ 11.6257, -7.8902,
-26.3857

■ 129.2379,
-25.1198, -30.9191

■ 4.2500, -7.4374,
-42.2549

143.5760,

0.0000, NaN, -NF

-26.5726, -31.1554

0.0000, NaN, NaN

158.4082,
-28.0278, -31.3430

0.0000, NaN, NaN

■ 54.7473, -16.3042,
-28.4173

■ 54.7473, -16.3042,
-28.4173

■ 52.7161, -14.9229,
-32.0292

■ 56.9731, -17.0012,
-24.6417

■ 50.8450, -12.9818,
-35.5127

■ 59.3946, -17.0003,
-20.7257

■ 50.8256, -12.9605,
-35.5496

■ 62.0107, -16.3159,
-16.6958

■ 64.8156, -14.9820,
-12.5804

■ 67.8010, -13.0434,
-8.4059

■ 70.9575, -10.5506,
-4.1949

■ 74.2752, -7.5553,
0.0340

■ 77.7439, -4.1079,
4.2664

■ 81.3539, -0.2558,
8.4915

Harmonies

Analogous

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



54.7483, -26.0350, -14.2107



54.7473, -16.3042, -28.4173



54.7483, -1.9601, -33.6561

Triad

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



54.7483, -16.3039, -28.4163



54.7483, 30.2035, 3.8862



54.7483, -17.7946, 22.0242

Complementary

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



54.7473, -16.3042, -28.4173



44.1552, 38.1522, 25.0575

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.



54.7483, -3.8816, 24.4358



54.7473, -16.3042, -28.4173



54.7483, 24.7977, 15.9404

Square

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



54.7483, -16.3039, -28.4163



54.7483, 25.9447, -12.1759



54.7483, 11.8782, 22.5636



54.7483, -26.8259, 14.7527

Rectangle

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



54.7473, -16.3042, -28.4173



54.7483, 8.6267, -30.4538



54.7483, 11.8782, 22.5636



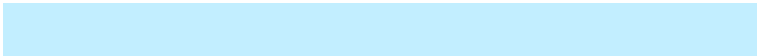
54.7483, -13.5903, 23.3218

Sweetspot

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



54.7483, -16.3039, -28.4163



89.4937, -15.0784, -7.7965



66.5624, -51.7826, 32.5501



40.7298, -7.4981, -4.5114

0.0000, NaN, NaN



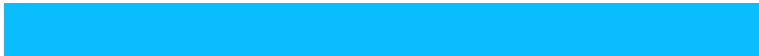
46.2646, -2.4686, 2.5136

Same Dimension

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



54.7483, -16.3039, -28.4163



66.0640, -17.3780, -44.5028



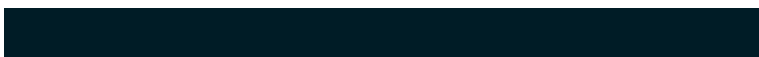
32.2952, 24.2539, -84.5541



34.9210, -3.4682, 0.1151



40.5216, -10.5722, -27.8260



9.8411, -3.3035, -5.1693

Inverse Universe

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



41.1856, 66.7918, -21.3309



50.1516, 92.0700, -24.3446



63.4504, -1.5096, 37.1099



33.6898, 2.2559, -0.0842



30.7581, 57.1626, -14.9185



7.0733, 13.2934, -4.5777

Previews

White Background



This preview shows how the HunterLab color 54.7473, -16.3042, -28.4173 looks on a white background.

Color Contrast Check

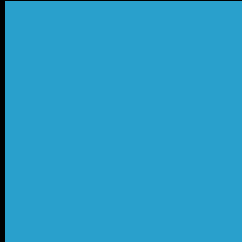
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.7473, -16.3042, -28.4173 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

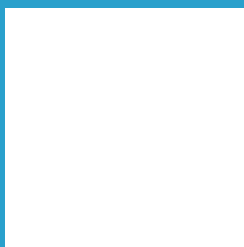
Any Text WCAG AAA × Fail

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

HunterLab 54.7473, -16.3042, -28.4173 Background



This preview shows how black text looks on a background with the HunterLab color 54.7473, -16.3042, -28.4173.



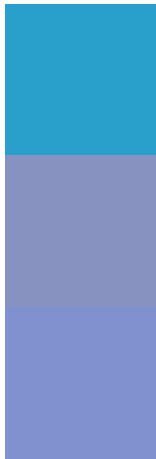
This preview shows how white text looks on a background with the HunterLab color 54.7473,

-16.3042, -28.4173.

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

54.7473, -16.3042, -28.4173

Protanopia

54.3681, 3.0102, -21.4654

Deuteranopia

54.3827, 4.2633, -30.7733



Tritanopia

54.5576, -25.7498, -12.6057

Trichromacy



Original Color

54.7473, -16.3042, -28.4173

Protanomaly

53.7877, -6.1473, -25.1909

Deuteranomaly

53.9224, -4.8829, -31.0639

Tritanomaly

54.6661, -22.9680, -17.7075

Monochromacy



Original Color

54.7473, -16.3042, -28.4173

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

48.6804, -10.7238, -8.4984

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 54.7473, -16.3042, -28.4173 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(41, 160, 204)` looks like.

```
.text, #text, p{  
    color:rgb(41, 160, 204)  
}
```

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(41, 160, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 160, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 54.7473, -16.3042, -28.4173 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(41, 160, 204) }
```


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

```
.border{ border-color:rgb(41, 160, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 160, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 160, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 160, 204);  
box-shadow:4px 4px 4px 4px rgb(41, 160,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 54.7473, -16.3042, -28.4173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 160, 204) }
```

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

```
.background{ background-color: rgb(41, 160,  
204) }
```

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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