

Converting Colors

HunterLab(54.0213, -12.8359,
-24.4852)

Have a look what the booklet for
HunterLab(54.0213, -12.8359,
-24.4852) contains.

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Color

**HunterLab(54.0910,
-12.9713, -24.1407)**

Conversions

Conversions Part 1

Format	Color
Hex	4B9CC4
RGB	75, 156, 196
RGB Percent	29%, 61%, 77%
CMY	0.7059, 0.3882, 0.2314
CMYK	0.62, 0.20, 0.00, 0.23
HSL	200°, 51%, 53%
HSV	200°, 62%, 77%
XYZ	24.7540, 29.2584, 56.5674
YIQ	136.3410, -61.1160, -4.7320

Conversions

Conversions Part 2

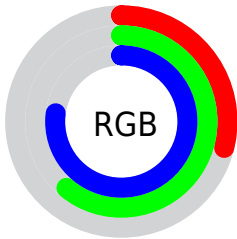
Format	Color
RYB	75, 124, 196
Decimal	4955332
CIELab	61.01, -12.63, -28.00
CIElCh	61, 30.721, 245.725
Yxy	29.2594, 0.2239, 0.2646
Android (android.graphics.Color)	4283145412 (0xFF4B9CC4)
YUV	136.3410, 29.4119, -53.7961
Hunter-Lab	54.0910, -12.9713, -24.1407

Details

The HunterLab color **54.0910, -12.9713, -24.1407** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **49.5042, 22.1417, 22.9180**, and the grayscale version is **49.6597, -2.6497, 2.6981**.

A 20% lighter version of the original color is **76.3239, -15.2096, -25.4247**, and **34.7220, -9.6940, -22.4728** is the 20% darker color. If you saturate the color by 10%, you get **51.4491, -12.3472, -28.6979**, and if you desaturate by 10%, it is **56.9282, -12.9337, -19.5394**.

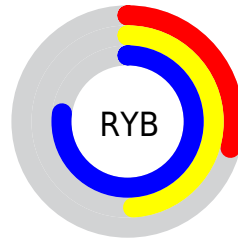
Distribution



Red (29%)

Green (61%)

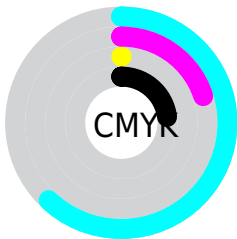
Blue (77%)



Red (29%)

Yellow (49%)

Blue (77%)

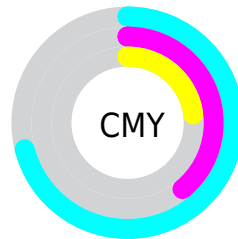


Cyan (62%)

Magenta (20%)

Yellow (0%)

Black (23%)



Cyan (71%)

Magenta (39%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 54.0910, -12.9713, -24.1407 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 54.0910, -12.9713, -24.1407 by changing the saturation by 10% instead.

■ 54.0910, -12.9713,
-24.1407

■ 54.0910, -12.9713,
-24.1407

172.7533,
-24.3848, -26.4033

■ 43.9058, -11.6958,
-23.6213

■ 76.4781, -15.4907,
-25.0209

■ 34.4539, -10.3982,
-23.0670

■ 88.6031, -16.7460,
-25.3773

■ 25.7987, -9.0631,
-22.5114

■ 101.3087,
-18.0031, -25.6777

■ 18.0215, -7.6649,
-22.0431

■ 114.5696,
-19.2645, -25.9238

■ 11.2356, -6.1554,
-21.9211

128.3633,
-20.5321, -26.1173

■ 3.3437, -5.8514,
-43.1401

142.6701,

0.0000, NaN, -NF

-21.8073, -26.2604

0.0000, NaN, NaN

157.4721,
-23.0913, -26.3551

0.0000, NaN, NaN

■ 54.0910, -12.9713,
-24.1407

■ 54.0910, -12.9713,
-24.1407

■ 51.4491, -12.3472,
-28.6979

■ 56.9282, -12.9337,
-19.5394

■ 49.0052, -11.0386,
-33.1822

■ 59.9486, -12.2754,
-14.9262

■ 46.7602, -9.0528,
-37.5644

■ 63.1426, -11.0462,
-10.3240

■ 45.0263, -7.0097,
-41.1471

■ 66.4987, -9.2992,
-5.7504

■ 70.0057, -7.0867,
-1.2180

■ 73.6529, -4.4583,
3.2657

■ 77.4300, -1.4595,
7.6964

■ 81.3277, 1.8689,
12.0730

■ 85.3373, 5.4906,
16.3960

Harmonies

Analogous

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



54.0920, -22.0598, -13.2068



54.0910, -12.9713, -24.1407



54.0920, -0.3239, -27.1526

Triad

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



54.0920, -12.9712, -24.1397



54.0920, 24.8710, 5.3068



54.0920, -16.9776, 19.1576

Complementary

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



54.0910, -12.9713, -24.1407



49.5042, 22.1417, 22.9180

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.



54.0920, -5.4074, 21.9361



54.0910, -12.9713, -24.1407



54.0920, 19.3901, 15.2714

Square

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



54.0920, -12.9712, -24.1397



54.0920, 22.3534, -7.9988



54.0920, 7.9902, 20.7075



54.0920, -24.2123, 11.9917

Rectangle

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



54.0910, -12.9713, -24.1407



54.0920, 8.6210, -23.7605



54.0920, 7.9902, 20.7075



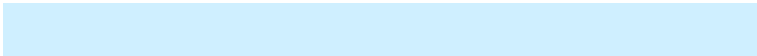
54.0920, -13.5106, 20.5456

Sweetspot

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



54.0920, -12.9712, -24.1397



90.6333, -11.8465, -6.2496



64.9430, -43.1741, 24.9121



41.3073, -5.8486, -3.7146

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



54.0920, -12.9712, -24.1397



68.0885, -16.1188, -40.7088



37.5047, 16.0298, -59.1703



32.9380, -3.0212, -0.0699



36.3175, -5.9689, -32.5085



8.3175, -2.3830, -5.2518

Inverse Universe

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



43.7828, 50.9179, -14.7238



53.8747, 80.6219, -20.6697



65.1507, -6.7874, 33.9678



31.9203, 2.0235, 0.1672



29.3492, 53.9171, -9.3744



6.2007, 11.5649, -3.3275

Previews

White Background



This preview shows how the HunterLab color 54.0910, -12.9713, -24.1407 looks on a white background.

Color Contrast Check

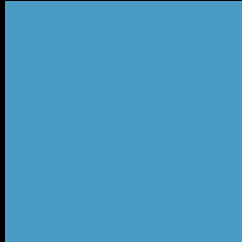
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.0910, -12.9713, -24.1407 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 54.0910, -12.9713, -24.1407 Background



This preview shows how black text looks on a background with the HunterLab color 54.0910, -12.9713, -24.1407.



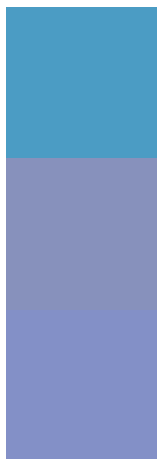
This preview shows how white text looks on a background with the HunterLab color 54.0910, -12.9713, -24.1407.

-12.9713, -24.1407.

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

54.0910, -12.9713, -24.1407

Protanopia

53.8818, 2.4213, -19.1081

Deuteranopia

53.7544, 4.3613, -26.3976



Tritanopia

54.0821, -21.2794, -10.3896

Trichromacy



Original Color

54.0910, -12.9713, -24.1407

Protanomaly

53.6351, -4.1323, -21.5097

Deuteranomaly

53.5131, -2.4568, -26.2621

Tritanomaly

54.1862, -18.6556, -14.7710

Monochromacy



Original Color

54.0910, -12.9713, -24.1407

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

50.6862, -7.9370, -6.7450

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 54.0910, -12.9713, -24.1407 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(75, 156, 196)` looks like.

```
.text, #text, p{  
    color:rgb(75, 156, 196)  
}
```

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(75, 156, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 156, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 54.0910, -12.9713, -24.1407 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(75, 156, 196) }
```


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

```
.border{ border-color:rgb(75, 156, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 156, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 156, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 156, 196);  
box-shadow:4px 4px 4px 4px rgb(75, 156,  
196) }
```

Background

The CSS property to change the background color of an element to HunterLab 54.0910, -12.9713, -24.1407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 156, 196) }
```

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

```
.background{ background-color: rgb(75, 156,  
196) }
```

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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