

Converting Colors

HunterLab(49.5221, -12.4185,
-30.5313)

Have a look what the booklet for
HunterLab(49.5221, -12.4185,
-30.5313) contains.

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Color

**HunterLab(49.5559,
-12.2974, -30.7434)**

Conversions

Conversions Part 1

Format	Color
Hex	2691C2
RGB	38, 145, 194
RGB Percent	15%, 57%, 76%
CMY	0.8509, 0.4314, 0.2392
CMYK	0.80, 0.25, 0.00, 0.24
HSL	199°, 67%, 45%
HSV	199°, 80%, 76%
XYZ	20.6623, 24.5579, 54.6900
YIQ	118.5930, -79.5010, -7.4450

Conversions

Conversions Part 2

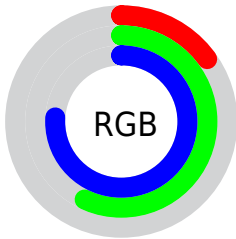
Format	Color
R_{YB}	38, 101, 194
Decimal	2527682
CIE _{Lab}	56.64, -12.47, -33.74
CIE _{LCh}	57, 35.966, 249.714
Yxy	24.5587, 0.2068, 0.2458
Android (android.graphics.Color)	4280717762 (0xFF2691C2)
YUV	118.5930, 37.1757, -70.6801
Hunter-Lab	49.5559, -12.2974, -30.7434

Details

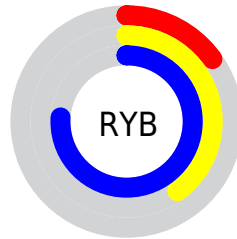
The HunterLab color **49.5559, -12.2974, -30.7434** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **42.9277, 33.0201, 24.4957**, and the grayscale version is **42.6776, -2.2772, 2.3188**.

A 20% lighter version of the original color is **71.4584, -14.7858, -31.9517**, and **31.7457, -5.9289, -26.8806** is the 20% darker color. If you saturate the color by 10%, you get **47.4006, -10.5804, -34.8186**, and if you desaturate by 10%, it is **51.9049, -13.3508, -26.5515**.

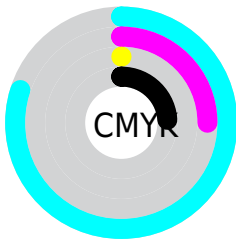
Distribution



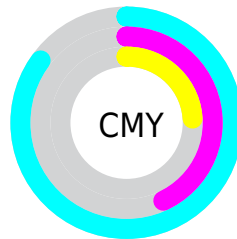
- Red (15%)
- Green (57%)
- Blue (76%)



- Red (15%)
- Yellow (40%)
- Blue (76%)



- Cyan (80%)
- Magenta (25%)
- Yellow (0%)
- Black (24%)



- Cyan (85%)
- Magenta (43%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.5559, -12.2974, -30.7434 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 49.5559, -12.2974, -30.7434 by changing the saturation by 10% instead.

■ 49.5559, -12.2974,
-30.7434

■ 49.5559, -12.2974,
-30.7434

166.0220,
-23.6318, -34.4851

■ 39.6845, -11.0233,
-30.1253

■ 71.3726, -14.8052,
-31.9092

■ 30.5719, -9.7226,
-29.5359

■ 83.2351, -16.0525,
-32.4288

■ 22.2886, -8.3762,
-29.0718

■ 95.6905, -17.3007,
-32.8985

■ 14.9278, -6.9517,
-28.9798

■ 108.7118,
-18.5527, -33.3166

■ 8.5756, -6.7941,
-30.2658

■ 122.2754,
-19.8104, -33.6833

0.0000, NaN, -NF

0.0000, NaN, -NF

136.3604,

-21.0754, -33.9994

0.0000, NaN, NaN

150.9482,
-22.3489, -34.2662

0.0000, NaN, NaN

■ 49.5559, -12.2974,
-30.7434

■ 49.5559, -12.2974,
-30.7434

■ 47.4006, -10.5804,
-34.8186

■ 51.9049, -13.3508,
-26.5515

■ 45.4827, -8.4285,
-38.6547

■ 54.4456, -13.7360,
-22.2719

■ 57.1740, -13.4750,
-17.9338

■ 60.0819, -12.6065,
-13.5652

■ 63.1593, -11.1784,
-9.1898

■ 66.3958, -9.2414,
-4.8260

■ 69.7808, -6.8462,
-0.4874

■ 73.3039, -4.0408,
3.8169

■ 76.9555, -0.8696,
8.0814

Harmonies

Analogous

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



49.5567, -23.0226, -18.3418



49.5559, -12.2974, -30.7434



49.5567, 2.3373, -32.8829

Triad

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



49.5567, -12.2970, -30.7424



49.5567, 29.2657, 7.1264



49.5567, -19.8339, 19.5601

Complementary

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



49.5559, -12.2974, -30.7434



42.9277, 33.0201, 24.4957

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.



49.5567, -7.4415, 22.8996



49.5559, -12.2974, -30.7434



49.5567, 21.6674, 17.2743

Square

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



49.5567, -12.2970, -30.7424



49.5567, 27.5620, -7.8408



49.5567, 7.8033, 22.2111



49.5567, -26.9999, 11.3331

Rectangle

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



49.5559, -12.2974, -30.7434



49.5567, 12.5475, -27.7057



49.5567, 7.8033, 22.2111



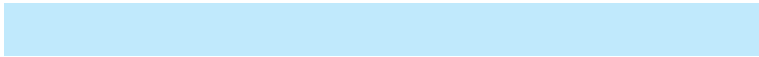
49.5567, -16.2059, 21.1608

Sweetspot

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



49.5567, -12.2970, -30.7424



87.6128, -13.5530, -8.8275



62.9675, -48.6103, 29.8942



40.2614, -6.7773, -5.1303

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.5567, -12.2970, -30.7424



61.8862, -12.0884, -50.6681



29.3081, 25.9296, -84.7387



32.9809, -3.0908, -0.0182



37.0850, -7.1481, -30.9225



8.4442, -2.5629, -5.0218

Inverse Universe

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



38.6017, 62.1675, -16.2715



49.1387, 89.4099, -17.9170



61.4280, -3.8749, 36.0128



31.9248, 2.0475, 0.1036



29.4459, 54.2639, -10.7160



6.2179, 11.6264, -3.5633

Previews

White Background



This preview shows how the HunterLab color 49.5559, -12.2974, -30.7434 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 49.5559, -12.2974, -30.7434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

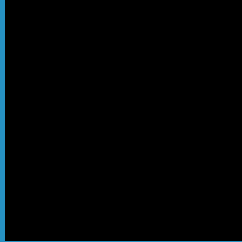
Any Text WCAG AA ✓ Pass

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 49.5559, -12.2974, -30.7434 Background



This preview shows how black text looks on a background with the HunterLab color 49.5559, -12.2974, -30.7434.



This preview shows how white text looks on a background with the HunterLab color 49.5559, -12.2974, -30.7434.

-12.2974, -30.7434.

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

49.5559, -12.2974, -30.7434

Protanopia

49.2655, 3.9682, -24.8117

Deuteranopia

49.3927, 4.0313, -32.9019



Tritanopia

49.4179, -23.5309, -10.9718

Trichromacy



Original Color

49.5559, -12.2974, -30.7434

Protanomaly

48.6784, -3.6375, -28.0168

Deuteranomaly

49.0380, -3.1571, -32.9809

Tritanomaly

49.3246, -19.6908, -18.0860

Monochromacy



Original Color

49.5559, -12.2974, -30.7434

Achromatopsia

42.9506, -2.2917, 2.3336

Achromatomaly

44.3704, -8.7595, -9.1507

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.5559, -12.2974, -30.7434 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(38, 145, 194)` looks like.

```
.text, #text, p{  
    color:rgb(38, 145, 194)  
}
```

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(38, 145, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 145, 194) }
```

Border

The CSS property to change the border of an element to HunterLab 49.5559, -12.2974, -30.7434 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(38, 145, 194) }
```


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

```
.border{ border-color:rgb(38, 145, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 145, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 145, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 145, 194);  
box-shadow:4px 4px 4px 4px rgb(38, 145,  
194) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.5559, -12.2974, -30.7434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 145, 194) }
```

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

```
.background{ background-color: rgb(38, 145,  
194) }
```

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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