

Converting Colors

HunterLab(51.9941, 5.3613,
-29.4130)

Have a look what the booklet for
HunterLab(51.9941, 5.3613,
-29.4130) contains.

HunterLab(51.9122, 5.4278, -29.6290)	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(51.9122, 5.4278,
-29.6290)**

Conversions

Conversions Part 1

Format	Color
Hex	7D8BC7
RGB	125, 139, 199
RGB Percent	49%, 55%, 78%
CMY	0.5098, 0.4549, 0.2196
CMYK	0.37, 0.30, 0.00, 0.22
HSL	229°, 40%, 64%
HSV	229°, 37%, 78%
XYZ	27.9989, 26.9488, 57.7588
YIQ	141.6540, -27.6040, 15.6920

Conversions

Conversions Part 2

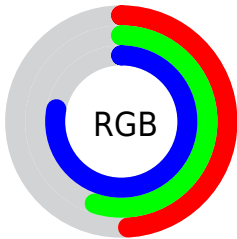
Format	Color
RYB	125, 137, 199
Decimal	8227783
CIELab	58.93, 9.73, -32.72
CIELCh	59, 34.131, 286.559
Yxy	26.9498, 0.2484, 0.2391
Android (android.graphics.Color)	4286417863 (0xFF7D8BC7)
YUV	141.6540, 28.2716, -14.6056
Hunter-Lab	51.9122, 5.4278, -29.6290

Details

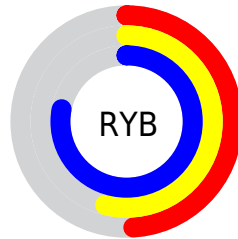
The HunterLab color $51.9122, 5.4278, -29.6290$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $69.5137, -7.1116, 26.1601$, and the grayscale version is $51.7705, -2.7623, 2.8128$.

A 20% lighter version of the original color is $73.9071, 5.2421, -30.2636$, and $32.5066, 5.4697, -28.7335$ is the 20% darker color. If you saturate the color by 10%, you get $46.1152, 9.1509, -40.8942$, and if you desaturate by 10%, it is $57.9855, 2.3069, -19.4782$.

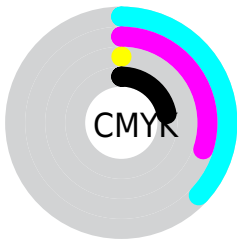
Distribution



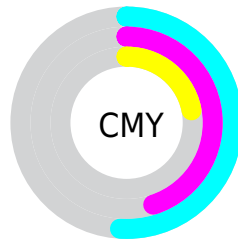
- Red (49%)
- Green (55%)
- Blue (78%)



- Red (49%)
- Yellow (54%)
- Blue (78%)



- Cyan (37%)
- Magenta (30%)
- Yellow (0%)
- Black (22%)



- Cyan (51%)
- Magenta (45%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.9122, 5.4278, -29.6290 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 51.9122, 5.4278, -29.6290 by changing the saturation by 10% instead.

■ 51.9122, 5.4278,
-29.6290

■ 51.9122, 5.4278,
-29.6290

169.5329, 2.9143,
-33.0598

■ 41.8754, 5.4319,
-29.0235

■ 74.0292, 5.2181,
-30.7393

■ 32.5838, 5.3572,
-28.4244

■ 86.0298, 5.0265,
-31.2248

■ 24.1038, 5.1897,
-27.9031

■ 98.6168, 4.7836,
-31.6583

■ 16.5223, 4.9096,
-27.6387

111.7640, 4.4932,
-32.0396

■ 9.9618, 4.4862,
-28.1591

125.4484, 4.1585,
-32.3690

0.0000, INF, -NF

0.0000, NaN, -NF

139.6499, 3.7823,

-32.6478

0.0000, NaN, NaN

154.3502, 3.3669,
-32.8776

0.0000, NaN, NaN

■ 51.9122, 5.4278,
-29.6290

■ 51.9122, 5.4278,
-29.6290

■ 46.1152, 9.1509,
-40.8942

■ 57.9855, 2.3069,
-19.4782

■ 40.6497, 13.6280,
-53.5241

■ 64.2892, -0.3356,
-10.2229

■ 35.5966, 19.0200,
-67.7310

■ 70.7921, -2.5982,
-1.6779

■ 31.0645, 25.4425,
-83.5412

■ 77.4697, -4.5568,
6.3032

■ 27.1952, 32.8254,
-100.4692

■ 84.3027, -6.2700,
13.8356

■ 24.1438, 40.6542,
-117.1009

■ 91.2759, -7.7832,
21.0091

■ 23.4252, 42.7559,
-121.5773

■ 97.4539, -12.3946,
26.9603

■ 98.4396, -13.9526,
27.8696

Harmonies

Analogous

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



51.9132, -9.1054, -30.2170



51.9122, 5.4278, -29.6290



51.9132, 19.0975, -18.9583

Triad

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



51.9132, 5.4275, -29.6278



51.9132, 17.8569, 18.6493



51.9132, -27.2355, 8.6289

Complementary

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



51.9122, 5.4278, -29.6290



69.5137, -7.1116, 26.1601

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.



51.9132, -21.5315, 17.9735



51.9122, 5.4278, -29.6290



51.9132, 3.8788, 22.5910

Square

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



51.9132, 5.4275, -29.6278



51.9132, 26.7956, 9.8404



51.9132, -10.4936, 22.3835



51.9132, -26.9185, -5.3289

Rectangle

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



51.9122, 5.4278, -29.6290



51.9132, 25.4105, -8.8907



51.9132, -10.4936, 22.3835



51.9132, -25.9880, 12.3211

Sweetspot

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



51.9132, 5.4275, -29.6278



90.2223, -2.3006, -6.6176



69.7686, -26.0138, 3.9050



41.1927, -0.8750, -3.7790

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.9132, 5.4275, -29.6278



62.1639, 11.2985, -51.7311



50.0134, 18.5196, -32.9133



32.5681, -1.0001, -1.6449



19.0394, 33.3913, -95.8797



5.2170, 4.1179, -15.4101

Inverse Universe

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



53.5485, 24.7861, 6.3841



65.3426, 41.8322, 9.9972



71.8692, -20.9306, 27.9120



32.6637, 1.3908, 2.0269



28.1175, 48.5016, 15.4596



6.2008, 10.8577, 2.1565

Previews

White Background



This preview shows how the HunterLab color 51.9122, 5.4278, -29.6290 looks on a white background.

Color Contrast Check

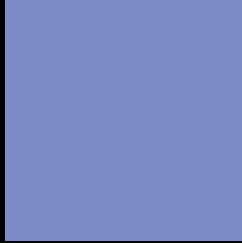
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.9122, 5.4278, -29.6290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

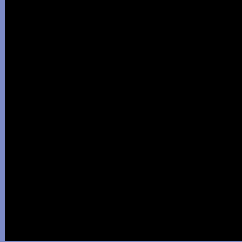
Any Text WCAG AA ✓ Pass

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 51.9122, 5.4278, -29.6290 Background



This preview shows how black text looks on a background with the HunterLab color 51.9122, 5.4278, -29.6290.



This preview shows how white text looks on a background with the HunterLab color 51.9122, 5.4278, -29.6290.

-29.6290.

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

51.9122, 5.4278, -29.6290

Protanopia

51.7684, 4.9499, -29.8973

Deuteranopia

51.9082, 3.9743, -29.6616



Tritanopia

51.9764, -9.3542, -5.5524

Trichromacy



Original Color

51.9122, 5.4278, -29.6290

Protanomaly

51.8400, 5.1880, -29.7636

Deuteranomaly

51.9781, 4.2082, -29.5314

Tritanomaly

51.8888, -4.0439, -13.8534

Monochromacy



Original Color

51.9122, 5.4278, -29.6290

Achromatopsia

52.0094, -2.7751, 2.8258

Achromatomaly

51.8925, -0.3827, -7.6206

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.9122, 5.4278, -29.6290 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(125, 139, 199)` looks like.

```
.text, #text, p{  
    color:rgb(125, 139, 199)  
}
```

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(125, 139, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 139, 199) }
```

Border

The CSS property to change the border of an element to HunterLab 51.9122, 5.4278, -29.6290 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(125, 139, 199) }
```


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

```
.border{ border-color:rgb(125, 139, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 139, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 139, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 139, 199);  
box-shadow:4px 4px 4px 4px rgb(125, 139,  
199) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.9122, 5.4278, -29.6290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 139, 199) }
```

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

```
.background{ background-color: rgb(125,  
139, 199) }
```

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