

Converting Colors

HunterLab(29.5512, 58.0658,
-38.7535)

Have a look what the booklet for
HunterLab(29.5512, 58.0658,
-38.7535) contains.

HunterLab(29.4721, 57.9431, -38.8719)	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(29.4721, 57.9431,
-38.8719)**

Conversions

Conversions Part 1

Format	Color
Hex	960096
RGB	150, 0, 150
RGB Percent	59%, 0%, 59%
CMY	0.4118, 0.9999, 0.4118
CMYK	0.00, 1.00, 0.00, 0.41
HSL	300°, 100%, 29%
HSV	300°, 100%, 59%
XYZ	18.0827, 8.6860, 29.5777
YIQ	61.9500, 41.2500, 78.4500

Conversions

Conversions Part 2

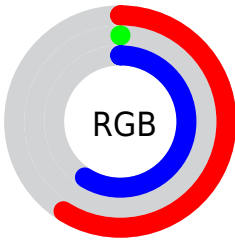
Format	Color
R_{YB}	150, 0, 150
Decimal	9830550
CIE _{Lab}	35.37, 66.14, -40.95
CIE _{LCh}	35, 77.789, 328.233
Yxy	8.6865, 0.3209, 0.1542
Android (android.graphics.Color)	4288020630 (0xFF960096)
YUV	61.9500, 43.4087, 77.2198
Hunter-Lab	29.4721, 57.9431, -38.8719

Details

The HunterLab color **29.4721, 57.9431, -38.8719** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **46.7046, -40.0484, 28.0775**, and the grayscale version is **21.7780, -1.1620, 1.1832**.

A 20% lighter version of the original color is **48.2353, 62.7105, -40.1744**, and **18.0597, 35.8106, -26.1808** is the 20% darker color. If you saturate the color by 10%, you get **29.4723, 57.9434, -38.8717**, and if you desaturate by 10%, it is **30.0470, 55.8590, -37.4439**.

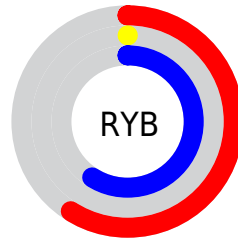
Distribution



Red (59%)

Green (0%)

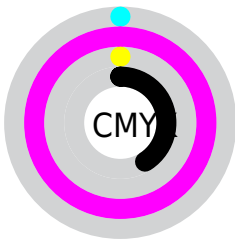
Blue (59%)



Red (59%)

Yellow (0%)

Blue (59%)

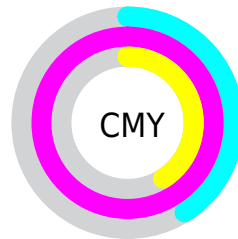


Cyan (0%)

Magenta (100%)

Yellow (0%)

Black (41%)



Cyan (41%)

Magenta (100%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.4721, 57.9431, -38.8719 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 29.4721, 57.9431, -38.8719 by changing the saturation by 10% instead.

29.4721, 57.9431,
-38.8719

29.4721, 57.9431,
-38.8719

134.5442, 75.4940,
-44.2246

21.3008, 55.8225,
-38.7242

48.2634, 62.3964,
-39.9813

14.0655, 54.1748,
-39.4140

58.7540, 64.5486,
-40.6561

7.7128, 56.2596,
-43.8788

69.9106, 66.6118,
-41.3341

0.0000, INF, -NF

0.0000, NaN, NaN

81.6957, 68.5783,
-41.9913

0.0000, NaN, NaN

94.0775, 70.4472,
-42.6144

0.0000, NaN, NaN

0.0000, NaN, NaN

107.0283, 72.2204,

-43.1964

120.5243, 73.9013,
-43.7337

■ 29.4721, 57.9431,
-38.8719

■ 29.4721, 57.9431,
-38.8719

■ 29.4723, 57.9434,
-38.8717

■ 30.0470, 55.8590,
-37.4439

■ 31.0087, 52.5026,
-35.1441

■ 32.5023, 47.5873,
-31.7746

■ 34.5245, 41.4337,
-27.5534

■ 37.0409, 34.4498,
-22.7587

■ 40.0012, 27.0113,
-17.6468

■ 43.3501, 19.4031,
-12.4125

■ 47.0348, 11.8114,
-7.1834

■ 51.0081, 4.3425,
-2.0325

Harmonies

Analogous

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



29.4728, 27.7263, -85.5479



29.4721, 57.9431, -38.8719



29.4728, 71.7567, 0.0160

Triad

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



29.4728, 57.9415, -38.8704



29.4728, 0.0687, 20.6310



29.4728, -35.1151, -33.3256

Complementary

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



29.4721, 57.9431, -38.8719



46.7046, -40.0484, 28.0775

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.



29.4728, -37.9163, 3.1088



29.4721, 57.9431, -38.8719



29.4728, -22.5895, 20.6310

Square

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



29.4728, 57.9415, -38.8704



29.4728, 31.6166, 20.6310



29.4728, -34.3279, 17.6741



29.4728, -24.5029, -80.7577

Rectangle

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



29.4721, 57.9431, -38.8719



29.4728, 67.0342, 13.3736



29.4728, -34.3279, 17.6741



29.4728, -36.7830, -18.7843

Sweetspot

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



29.4728, 57.9415, -38.8704



57.3076, 26.3840, -16.9079



14.8406, 40.2472, -105.4283



26.1612, 14.2310, -9.2055



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



29.4728, 57.9415, -38.8704



39.1521, 76.9744, -51.6387



26.4434, 47.2036, 2.1926



24.3088, 1.7770, -0.7698



26.8403, 52.7688, -35.4003



2.9694, 5.8379, -3.9164

Inverse Universe

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



29.4728, 57.9415, -38.8704



39.1521, 76.9744, -51.6387



47.2453, -36.6730, 20.1150



24.3088, 1.7770, -0.7698



26.8403, 52.7688, -35.4003



2.9694, 5.8379, -3.9164

Previews

White Background



This preview shows how the HunterLab color 29.4721, 57.9431, -38.8719 looks on a white 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 29.4721, 57.9431, -38.8719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

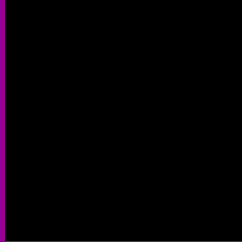
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 29.4721, 57.9431, -38.8719 Background



This preview shows how black text looks on a background with the HunterLab color 29.4721, 57.9431, -38.8719.



This preview shows how white text looks on a background with the HunterLab color 29.4721, 57.9431, -38.8719.

-38.8719.

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

29.4721, 57.9431, -38.8719

Protanopia

30.5305, 10.4736, -60.7699

Deuteranopia

30.4671, 2.3452, -30.2238



Tritanopia

30.2482, 26.4110, 9.8835

Trichromacy



Original Color

29.4721, 57.9431, -38.8719



Protanomaly

24.7961, 27.3250, -71.6593



Deuteranomaly

26.0235, 25.3191, -43.6360



Tritanomaly

28.5337, 39.2747, -4.2263

Monochromacy



Original Color

29.4721, 57.9431, -38.8719



Achromatopsia

21.9481, -1.1711, 1.1925



Achromatomaly

21.5380, 23.3221, -15.4714

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.4721, 57.9431, -38.8719 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(150, 0, 150)` looks like.

```
.text, #text, p{  
    color:rgb(150, 0, 150)  
}
```

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(150, 0, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 0, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 29.4721, 57.9431, -38.8719 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(150, 0, 150) }
```


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

```
.border{ border-color:rgb(150, 0, 150) }
```

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

Here you see how a box with a 4 pixel rgb(150, 0, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 0, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 0, 150);  
box-shadow:4px 4px 4px 4px rgb(150, 0,  
150) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.4721, 57.9431, -38.8719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 0, 150) }
```

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

```
.background{ background-color: rgb(150, 0,  
150) }
```

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