

# Converting Colors

HunterLab(29.5218, 7.1784,  
-37.5371)

Have a look what the booklet for  
HunterLab(29.5218, 7.1784,  
-37.5371) contains.

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# Color

**HunterLab(29.4274, 7.5541,  
-38.1831)**

# Conversions

Conversions Part 1	
Format	Color
Hex	365094
RGB	54, 80, 148
RGB Percent	21%, 31%, 58%
CMY	0.7882, 0.6863, 0.4196
CMYK	0.64, 0.46, 0.00, 0.42
HSL	223°, 47%, 40%
HSV	223°, 64%, 58%
XYZ	9.7353, 8.6597, 29.1754
YIQ	79.9780, -37.3240, 15.6360

# Conversions

## Conversions Part 2

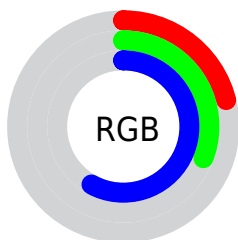
Format	Color
<a href="#">RYB</a>	<a href="#">54, 74, 148</a>
Decimal	<a href="#">3559572</a>
CIELab	<a href="#">35.32, 12.73, -40.45</a>
CIELCh	<a href="#">35, 42.410, 287.470</a>
Yxy	<a href="#">8.6600, 0.2047, 0.1820</a>
Android (android.graphics.Color)	<a href="#">4281749652</a> (0xFF365094)
YUV	<a href="#">79.9780, 33.5348, -22.7827</a>
Hunter-Lab	<a href="#">29.4274, 7.5541, -38.1831</a>

# Details

The HunterLab color  $29.4274, 7.5541, -38.1831$  is a dark color, and the websafe version is hex  $333366$ . A complement of this color would be  $45.2576, -0.9545, 23.2979$ , and the grayscale version is  $28.2082, -1.5051, 1.5326$ .

A 20% lighter version of the original color is  $48.2984, 8.0947, -39.4551$ , and  $14.5768, 8.6378, -36.8663$  is the 20% darker color. If you saturate the color by 10%, you get  $26.2030, 10.9316, -47.0574$ , and if you desaturate by 10%, it is  $32.9067, 4.8045, -30.1192$ .

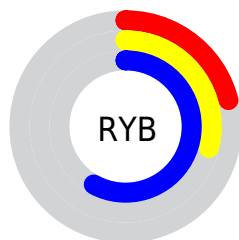
# Distribution



Red (21%)

Green (31%)

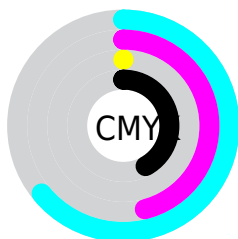
Blue (58%)



Red (21%)

Yellow (29%)

Blue (58%)

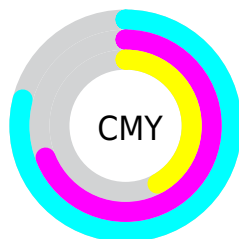


Cyan (64%)

Magenta (46%)

Yellow (0%)

Black (42%)



Cyan (79%)

Magenta (69%)


Yellow (42%)


# Brightness & Saturation Gradients


These gradients show how the HunterLab color 29.4274, 7.5541, -38.1831 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 29.4274, 7.5541, -38.1831 by changing the saturation by 10% instead.




 29.4274, 7.5541,  
-38.1831


 29.4274, 7.5541,  
-38.1831


 134.4696, 7.4242,  
-43.4946


 21.2605, 7.1659,  
-38.0117

 48.2105, 8.0143,  
-39.3056


 14.0304, 6.6403,  
-38.6482

 58.6974, 8.1155,  
-39.9779

 7.6752, 6.8260,  
-43.0286


 69.8507, 8.1446,  
-40.6505

0.0000, NaN, -NF

 81.6326, 8.1092,  
-41.3003

0.0000, NaN, -NF

0.0000, NaN, NaN

 94.0113, 8.0150,  
-41.9147

0.0000, NaN, NaN

106.9592, 7.8669,

0.0000, NaN, NaN

-42.4872

0.0000, NaN, NaN

120.4524, 7.6689,  
-43.0143

■ 29.4274, 7.5541,  
-38.1831

■ 29.4274, 7.5541,  
-38.1831

■ 26.2030, 10.9316,  
-47.0574

■ 32.9067, 4.8045,  
-30.1192

■ 23.2873, 15.0076,  
-56.7202

■ 36.5963, 2.5852,  
-22.7953

■ 20.7467, 19.7697,  
-66.9377

■ 40.4630, 0.8038,  
-16.1061

■ 19.2855, 23.0424,  
-73.8472

■ 44.4813, -0.6195,  
-9.9464

■ 48.6310, -1.7501,  
-4.2225

■ 52.8965, -2.6402,  
1.1447

■ 57.2652, -3.3314,  
6.2203

■ 61.7270, -3.8566,  
11.0573

■ 66.2737, -4.2422,  
15.6984

# Harmonies

## Analogous

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



29.4279, -7.5460, -39.4859



29.4274, 7.5541, -38.1831



29.4279, 22.7199, -23.4918

# Triad

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



29.4279, 7.5546, -38.1823



29.4279, 20.4634, 15.4590



29.4279, -24.6845, 6.9332

# Complementary

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



29.4274, 7.5541, -38.1831



45.2576, -0.9545, 23.2979

# 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.



29.4279, -19.8841, 14.7305



29.4274, 7.5541, -38.1831



29.4279, 4.9207, 17.7371

# Square

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



29.4279, 7.5546, -38.1823



29.4279, 31.1336, 8.6791



29.4279, -9.7058, 17.5610



29.4279, -24.2590, -7.8353



# Rectangle

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



29.4274, 7.5541, -38.1831



29.4279, 29.9264, -10.9046



29.4279, -9.7058, 17.5610



29.4279, -23.6760, 10.2640

# Sweetspot

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



29.4279, 7.5546, -38.1823



61.3426, -1.4861, -10.0074



48.3259, -27.0029, 6.9666



28.6238, -0.5129, -5.7459



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.



29.4279, 7.5546, -38.1823



33.2001, 16.5759, -67.5341



24.9951, 24.2263, -50.6328



24.2458, -1.0382, -0.8990



17.9383, 20.9640, -67.6765



2.8912, 0.2809, -4.2201



# Inverse Universe

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



30.8447, 32.7133, 4.9903



37.0520, 51.7709, 9.6160



50.9974, -18.8805, 27.0356



24.1665, 1.0129, 1.2549



23.4908, 40.8268, 10.5437



2.6833, 4.8257, -0.0520



# Previews

## White Background



This preview shows how the HunterLab color 29.4274, 7.5541, -38.1831 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 29.4274, 7.5541, -38.1831 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 29.4274, 7.5541, -38.1831 Background



This preview shows how black text looks on a background with the HunterLab color 29.4274, 7.5541, -38.1831.



This preview shows how white text looks on a background with the HunterLab color 29.4274, 7.5541, -38.1831.



# 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

29.4274, 7.5541, -38.1831

### Protanopia

29.5515, 6.7710, -38.7195

### Deuteranopia

29.3963, 2.0736, -37.5244



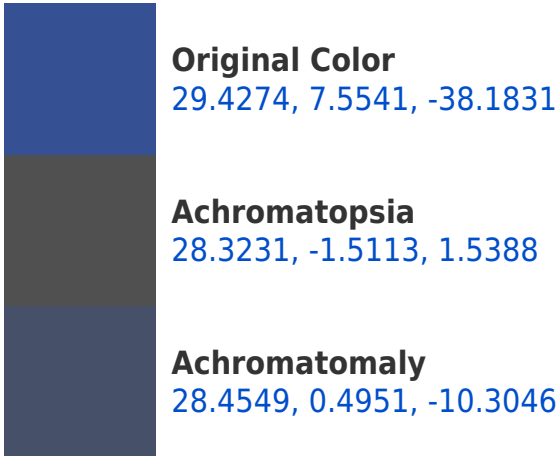
## Tritanopia

29.3302, -12.2614, -6.0036

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 29.4274, 7.5541, -38.1831 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(54, 80, 148)` looks like.

```
.text, #text, p{  
    color:rgb(54, 80, 148)  
}
```

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(54, 80, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 80, 148) }
```

## Border

The CSS property to change the border of an element to HunterLab 29.4274, 7.5541, -38.1831 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(54, 80, 148) }
```



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

```
.border{ border-color:rgb(54, 80, 148) }
```

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

Here you see how a box with a 4 pixel rgb(54, 80, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 80, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 80, 148);  
box-shadow:4px 4px 4px 4px rgb(54, 80,  
148) }
```

# Background

The CSS property to change the background color of an element to HunterLab 29.4274, 7.5541, -38.1831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 80, 148) }
```

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

```
.background{ background-color: rgb(54, 80,  
148) }
```

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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