

# Converting Colors

HunterLab(58.6294, 4.4178,  
-21.8362)

Have a look what the booklet for  
HunterLab(58.6294, 4.4178,  
-21.8362) contains.

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# Color

**HunterLab(58.4738, 4.5588,  
-21.8130)**

# Conversions

## Conversions Part 1

Format	Color
Hex	959BCC
RGB	149, 155, 204
RGB Percent	58%, 61%, 80%
CMY	0.4157, 0.3921, 0.2000
CMYK	0.27, 0.24, 0.00, 0.20
HSL	233°, 35%, 69%
HSV	233°, 27%, 80%
XYZ	35.0148, 34.1919, 61.8809
YIQ	158.7920, -19.3050, 13.9670

# Conversions

## Conversions Part 2

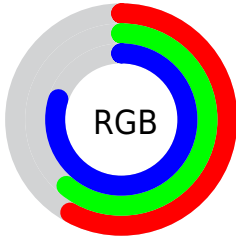
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 154, 204
Decimal	9804748
CIE <sub>Lab</sub>	65.12, 8.80, -25.81
CIE <sub>LCh</sub>	65, 27.269, 288.827
Yxy	34.1932, 0.2671, 0.2608
Android (android.graphics.Color)	4287994828 (0xFF959BCC)
YUV	158.7920, 22.2875, -8.5876
Hunter-Lab	58.4738, 4.5588, -21.8130

# Details

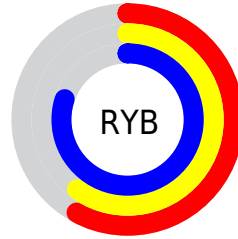
The HunterLab color  $58.4738, 4.5588, -21.8130$  is a light color, and the websafe version is hex  $9999CC$ . A complement of this color would be  $74.4283, -9.0855, 23.0520$ , and the grayscale version is  $58.7153, -3.1329, 3.1901$ .

A 20% lighter version of the original color is  $81.0298, 3.0431, -19.2416$ , and  $38.2675, 4.7961, -21.0411$  is the 20% darker color. If you saturate the color by 10%, you get  $51.8058, 8.6185, -33.3069$ , and if you desaturate by 10%, it is  $65.4175, 1.0098, -11.4486$ .

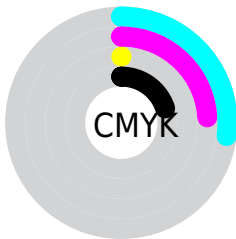
# Distribution



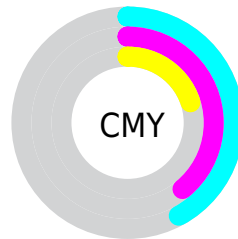
- Red (58%)
- Green (61%)
- Blue (80%)



- Red (58%)
- Yellow (60%)
- Blue (80%)



- Cyan (27%)
- Magenta (24%)
- Yellow (0%)
- Black (20%)



- Cyan (42%)
- Magenta (39%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.4738, 4.5588, -21.8130 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 58.4738, 4.5588, -21.8130 by changing the saturation by 10% instead.



■ 58.4738, 4.5588,  
-21.8130

■ 58.4738, 4.5588,  
-21.8130

179.1627, 1.4414,  
-23.3368

■ 48.0022, 4.6537,  
-21.3652

■ 81.3843, 4.1870,  
-22.5302

■ 38.2421, 4.6795,  
-20.8665

■ 93.7510, 3.9224,  
-22.8022

■ 29.2512, 4.6250,  
-20.3322

106.6875, 3.6106,  
-23.0181

■ 21.1020, 4.4755,  
-19.8066

120.1696, 3.2548,  
-23.1803

■ 13.8925, 4.2087,  
-19.4149

134.1763, 2.8577,  
-23.2910

■ 7.5255, 4.6937,  
-20.5569

148.6884, 2.4219,

0.0000, NaN, -NF

-23.3526

0.0000, NaN, -NF

163.6890, 1.9491,  
-23.3672

0.0000, NaN, NaN

■ 58.4738, 4.5588,  
-21.8130

■ 58.4738, 4.5588,  
-21.8130

■ 51.8058, 8.6185,  
-33.3069

■ 65.4175, 1.0098,  
-11.4486

■ 45.4666, 13.3373,  
-46.2462

■ 72.5925, -2.1409,  
-1.9651

■ 39.5367, 18.8871,  
-60.9763

■ 79.9691, -4.9812,  
6.8346

■ 34.1293, 25.4306,  
-77.7671

■ 87.5241, -7.5774,  
15.1005

■ 29.4036, 33.0015,  
-96.4965

■ 95.2390, -9.9797,  
22.9472

■ 25.5694, 41.2318,  
-115.9883

■ 98.5595, -13.2858,  
26.1335

■ 22.8472, 48.9810,  
-133.3132

■ 22.2338, 50.9364,  
-137.7473

# Harmonies

## Analogous

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



58.4750, -7.5535, -22.8884



58.4738, 4.5588, -21.8130



58.4750, 15.3956, -13.3000

# Triad

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



58.4750, 4.5581, -21.8117



58.4750, 12.9566, 17.4843



58.4750, -24.1980, 7.3020

# Complementary

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



58.4738, 4.5588, -21.8130



74.4283, -9.0855, 23.0520

# 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.



58.4750, -19.5904, 15.9338



58.4738, 4.5588, -21.8130



58.4750, 1.4430, 20.9664

# Square

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



58.4750, 4.5581, -21.8117



58.4750, 20.5094, 9.8701



58.4750, -10.4274, 20.4633



58.4750, -23.5120, -4.4010



# Rectangle

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



58.4738, 4.5588, -21.8130



58.4750, 20.1351, -5.3674



58.4750, -10.4274, 20.4633



58.4750, -23.2329, 10.6100

# Sweetspot

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



58.4750, 4.5581, -21.8117



92.3481, -2.3131, -3.8768



73.2352, -20.5938, 1.7170



42.0674, -0.7940, -2.6326

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



58.4750, 4.5581, -21.8117



70.5196, 8.6245, -35.9376



58.6608, 13.7139, -21.3534



33.2231, -0.6590, -1.9727



17.8308, 39.6495, -107.8787



4.8183, 6.3570, -19.7453



# Inverse Universe

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



60.5804, 16.4602, 7.2663



73.9532, 26.8327, 10.4265



74.4402, -18.7031, 22.8945



33.5160, 1.3223, 2.3917



28.5025, 48.9657, 17.2224

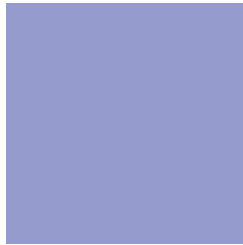


6.5267, 11.3174, 3.1312



# Previews

## White Background



This preview shows how the HunterLab color 58.4738, 4.5588, -21.8130 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

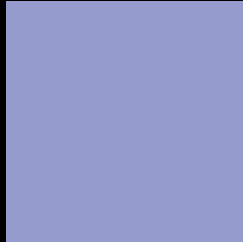
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 58.4738, 4.5588, -21.8130 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

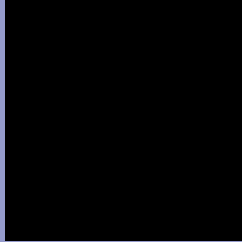
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# HunterLab 58.4738, 4.5588, -21.8130 Background



This preview shows how black text looks on a background with the HunterLab color 58.4738, 4.5588, -21.8130.



This preview shows how white text looks on a background with the HunterLab color 58.4738, 4.5588, -21.8130.

-21.8130.

# 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

58.4738, 4.5588, -21.8130

### Protanopia

58.4846, 3.2083, -22.4589

### Deuteranopia

58.4738, 4.5588, -21.8130



## Tritanopia

58.6059, -6.2672, -3.9937

# Trichromacy



## Original Color

58.4738, 4.5588, -21.8130

## Protanomaly

58.5625, 3.4709, -22.3284

## Deuteranomaly

58.4738, 4.5588, -21.8130

## Tritanomaly

58.5463, -2.6760, -9.8943

# Monochromacy



## Original Color

58.4738, 4.5588, -21.8130

## Achromatopsia

58.8816, -3.1418, 3.1991

## Achromatomaly

58.7515, -1.0887, -4.7458

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 58.4738, 4.5588, -21.8130 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(149, 155, 204)` looks like.

```
.text, #text, p{  
    color:rgb(149, 155, 204)  
}
```

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(149, 155, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 155, 204) }
```

## Border

The CSS property to change the border of an element to HunterLab 58.4738, 4.5588, -21.8130 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(149, 155, 204) }
```



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

```
.border{ border-color:rgb(149, 155, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 155, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 155, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 155, 204);  
box-shadow:4px 4px 4px 4px rgb(149, 155,  
204) }
```

# Background

The CSS property to change the background color of an element to HunterLab 58.4738, 4.5588, -21.8130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 155, 204) }
```

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

```
.background{ background-color: rgb(149,  
155, 204) }
```

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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