

# Converting Colors

HunterLab(59.1664, 9.7316,  
-20.6176)

Have a look what the booklet for  
HunterLab(59.1664, 9.7316,  
-20.6176) contains.

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# Color

**HunterLab(59.1900, 9.8086,  
-20.5789)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A499CC
RGB	164, 153, 204
RGB Percent	64%, 60%, 80%
CMY	0.3569, 0.4000, 0.2000
CMYK	0.20, 0.25, 0.00, 0.20
HSL	253°, 33%, 70%
HSV	253°, 25%, 80%
XYZ	37.6001, 35.0346, 61.9073
YIQ	162.1030, -9.8150, 18.1930

# Conversions

## Conversions Part 2

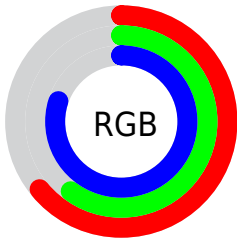
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 153, 204
Decimal	10787276
CIELab	65.78, 14.56, -24.69
CIELCh	66, 28.669, 300.531
Yxy	35.0360, 0.2795, 0.2604
Android (android.graphics.Color)	4288977356 (0xFFA499CC)
YUV	162.1030, 20.6552, 1.6637
Hunter-Lab	59.1900, 9.8086, -20.5789

# Details

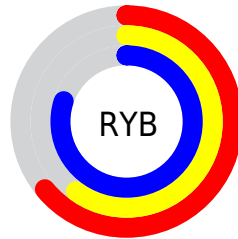
The HunterLab color  $59.1900, 9.8086, -20.5789$  is a light color, and the websafe version is hex  $9999CC$ . A complement of this color would be  $75.3816, -15.0926, 22.4807$ , and the grayscale version is  $60.0730, -3.2053, 3.2639$ .

A 20% lighter version of the original color is  $81.7959, 8.6906, -18.0223$ , and  $38.8385, 9.2997, -19.9533$  is the 20% darker color. If you saturate the color by 10%, you get  $52.2708, 15.9098, -32.3111$ , and if you desaturate by 10%, it is  $66.4119, 4.0387, -10.0077$ .

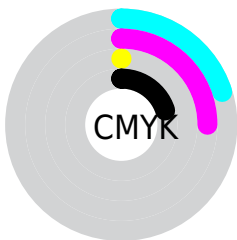
# Distribution



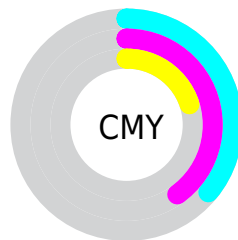
- Red (64%)
- Green (60%)
- Blue (80%)



- Red (64%)
- Yellow (60%)
- Blue (80%)



- Cyan (20%)
- Magenta (25%)
- Yellow (0%)
- Black (20%)



- Cyan (36%)
- Magenta (40%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.1900, 9.8086, -20.5789 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 59.1900, 9.8086, -20.5789 by changing the saturation by 10% instead.



■ 59.1900, 9.8086,  
-20.5789

■ 59.1900, 9.8086,  
-20.5789

180.2019, 8.7732,  
-21.7841

■ 48.6730, 9.6197,  
-20.1638

■ 82.1836, 9.9633,  
-21.2253

■ 38.8642, 9.3457,  
-19.6937

■ 94.5888, 9.9451,  
-21.4609

■ 29.8205, 8.9724,  
-19.1796

107.5621, 9.8703,  
-21.6406

■ 21.6129, 8.4815,  
-18.6562

121.0796, 9.7429,  
-21.7669

■ 14.3376, 7.8479,  
-18.2240

135.1202, 9.5667,  
-21.8421

■ 7.9970, 7.6412,  
-18.7321

149.6651, 9.3446,

0.0000, NaN, -NF

-21.8686

0.0000, NaN, -NF

164.6974, 9.0793,  
-21.8486

0.0000, NaN, NaN

■ 59.1900, 9.8086,  
-20.5789

■ 59.1900, 9.8086,  
-20.5789

■ 52.2708, 15.9098,  
-32.3111

■ 66.4119, 4.0387,  
-10.0077

■ 45.7149, 22.4241,  
-45.5293

■ 73.8864, -1.4703,  
-0.3390

■ 39.6144, 29.4085,  
-60.5762

■ 81.5803, -6.7804,  
8.6324

■ 34.0983, 36.8260,  
-77.6768

■ 89.4675, -11.9399,  
17.0622

■ 29.3469, 44.3759,  
-96.5548

■ 97.5261, -16.9845,  
25.0679

■ 25.5890, 51.2234,  
-115.7000

■ 98.5595, -13.2858,  
26.1335

■ 23.0461, 55.9138,  
-131.7902

■ 22.1248, 57.5937,  
-138.4479

# Harmonies

## Analogous

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



59.1912, -2.9344, -25.1469



59.1900, 9.8086, -20.5789



59.1912, 19.7179, -9.4307

# Triad

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



59.1912, 9.8076, -20.5776



59.1912, 9.3820, 20.1350



59.1912, -25.7250, 3.0057

# Complementary

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



59.1900, 9.8086, -20.5789



75.3816, -15.0926, 22.4807

# 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.



59.1912, -23.0196, 13.5804



59.1900, 9.8086, -20.5789



59.1912, -3.3882, 22.1123

# Square

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



59.1912, 9.8076, -20.5776



59.1912, 19.4579, 13.8821



59.1912, -15.1019, 19.9885



59.1912, -22.8235, -9.8844



# Rectangle

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



59.1900, 9.8086, -20.5789



59.1912, 22.9989, -0.7427



59.1912, -15.1019, 19.9885



59.1912, -25.4438, 6.9300

# Sweetspot

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



59.1912, 9.8076, -20.5776



93.0462, -0.4321, -2.9579



70.4468, -13.6070, -4.9091



42.7731, -0.0015, -1.7129

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



59.1912, 9.8076, -20.5776



71.3177, 16.7960, -34.4126



61.5824, 17.4578, -16.7483



33.1039, 0.4335, -2.1079



17.6481, 45.7709, -109.1218



4.4135, 10.7656, -22.0106



# Inverse Universe

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



62.8263, 20.5197, -8.5410



77.1380, 33.3926, -14.3536



73.3786, -22.4586, 20.4705



33.7056, 2.3406, -0.3089



31.1316, 58.4910, -20.0158



7.1455, 13.5487, -5.5520



# Previews

## White Background



This preview shows how the HunterLab color 59.1900, 9.8086, -20.5789 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

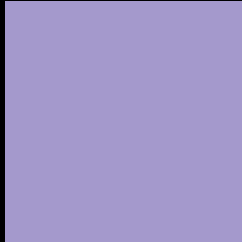
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 59.1900, 9.8086, -20.5789 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

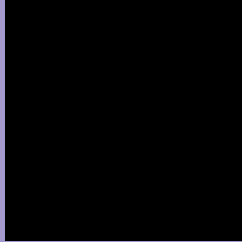
Any Text WCAG AA ✓ Pass

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 59.1900, 9.8086, -20.5789 Background



This preview shows how black text looks on a background with the HunterLab color 59.1900, 9.8086, -20.5789.



This preview shows how white text looks on a background with the HunterLab color 59.1900, 9.8086, -20.5789.



# 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

59.1900, 9.8086, -20.5789

### Protanopia

59.3387, 3.3818, -23.0021

### Deuteranopia

59.3279, 4.4091, -19.8290



## Tritanopia

59.1979, -1.2414, -2.6347

# Trichromacy



## Original Color

59.1900, 9.8086, -20.5789

## Protanomaly

59.2066, 5.7913, -22.5304

## Deuteranomaly

59.3775, 6.0336, -19.7229

## Tritanomaly

59.2015, 2.5475, -8.8909

# Monochromacy



## Original Color

59.1900, 9.8086, -20.5789

## Achromatopsia

60.1088, -3.2073, 3.2658

## Achromatomaly

59.7973, 1.1409, -4.3754

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 59.1900, 9.8086, -20.5789 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(164, 153, 204)` looks like.

```
.text, #text, p{  
    color:rgb(164, 153, 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(164, 153, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 153, 204) }
```

## Border

The CSS property to change the border of an element to HunterLab 59.1900, 9.8086, -20.5789 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(164, 153, 204) }
```



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

```
.border{ border-color:rgb(164, 153, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 153, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 153, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 153, 204);  
box-shadow:4px 4px 4px 4px rgb(164, 153,  
204) }
```

# Background

The CSS property to change the background color of an element to HunterLab 59.1900, 9.8086, -20.5789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 153, 204) }
```

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

```
.background{ background-color: rgb(164,  
153, 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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