

# Converting Colors

HunterLab(59.1708, -4.4209,  
-2.2233)

Have a look what the booklet for  
HunterLab(59.1708, -4.4209,  
-2.2233) contains.

<b>HunterLab(59.1687, -4.4190, -2.2250)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(59.1687, -4.4190,  
-2.2250)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97A1AB
RGB	151, 161, 171
RGB Percent	59%, 63%, 67%
CMY	0.4078, 0.3686, 0.3294
CMYK	0.12, 0.06, 0.00, 0.33
HSL	210°, 11%, 63%
HSV	210°, 12%, 67%
XYZ	32.8581, 35.0094, 43.5538
YIQ	159.1500, -9.1700, 0.9900

# Conversions

## Conversions Part 2

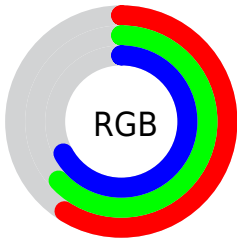
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 158, 171
Decimal	9937323
CIELab	65.76, -1.48, -6.40
CIELCh	66, 6.571, 256.981
Yxy	35.0108, 0.2949, 0.3142
Android (android.graphics.Color)	4288127403 (0xFF97A1AB)
YUV	159.1500, 5.8420, -7.1476
Hunter-Lab	59.1687, -4.4190, -2.2250

# Details

The HunterLab color **59.1687, -4.4190, -2.2250** is a light color, and the websafe version is hex **999999**. A complement of this color would be **60.3174, -1.6067, 8.3591**, and the grayscale version is **58.9236, -3.1440, 3.2014**.

A 20% lighter version of the original color is **82.2082, -6.0722, -1.3427**, and **38.9783, -3.3611, -2.5880** is the 20% darker color. If you saturate the color by 10%, you get **55.3220, -4.9565, -7.2898**, and if you desaturate by 10%, it is **63.1332, -3.5758, 2.6565**.

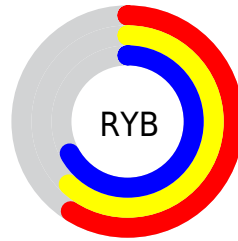
# Distribution



Red (59%)

Green (63%)

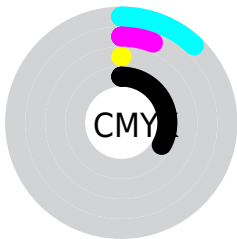
Blue (67%)



Red (59%)

Yellow (62%)

Blue (67%)

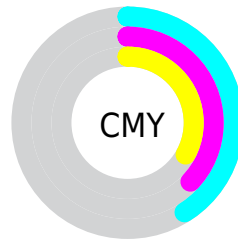


Cyan (12%)

Magenta (6%)

Yellow (0%)

Black (33%)



Cyan (41%)

Magenta (37%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.1687, -4.4190, -2.2250 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 59.1687, -4.4190, -2.2250 by changing the saturation by 10% instead.



■ 59.1687, -4.4190,  
-2.2250

■ 59.1687, -4.4190,  
-2.2250

180.1710,  
-11.4532, 2.0990

■ 48.6531, -3.7782,  
-2.4845

■ 82.1599, -5.7949,  
-1.5489

■ 38.8457, -3.1682,  
-2.6866

■ 94.5640, -6.5253,  
-1.1423

■ 29.8035, -2.5918,  
-2.8231

107.5361, -7.2832,  
-0.6939

■ 21.5977, -2.0503,  
-2.8847

121.0526, -8.0674,  
-0.2061

■ 14.3243, -1.5451,  
-2.8582

135.0922, -8.8773,  
0.3188

■ 7.9834, -1.2344,  
-2.9719

149.6361, -9.7120,

0.0000, NaN, NaN

0.8790

0.0000, NaN, NaN

164.6675,  
-10.5708, 1.4729

0.0000, NaN, NaN

■ 59.1687, -4.4190,  
-2.2250

■ 59.1687, -4.4190,  
-2.2250

■ 55.3220, -4.9565,  
-7.2898

■ 63.1332, -3.5758,  
2.6565

■ 51.6013, -5.1382,  
-12.5630

■ 67.2014, -2.4634,  
7.3733

■ 48.0219, -4.9114,  
-18.0644

■ 71.3657, -1.1166,  
11.9463

■ 44.5996, -4.2153,  
-23.8112

■ 75.6182, 0.4358,  
16.3940

■ 41.3524, -2.9843,  
-29.8125

■ 79.9522, 2.1697,  
20.7325

■ 38.3000, -1.1528,  
-36.0639

■ 84.3620, 4.0648,  
24.9765

■ 35.4628, 1.3357,  
-42.5405

■ 87.0799, 0.1290,  
27.4275

■ 32.8591, 4.5115,  
-49.1934

■ 89.6963, -4.2965,  
29.7275

■ 30.8536, 7.5647,  
-54.8944

■ 92.3649, -8.6828,  
32.0308

# Harmonies

## Analogous

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



59.1699, -6.9431, -0.8196



59.1687, -4.4190, -2.2250



59.1699, -1.5113, -2.1196

# Triad

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



59.1699, -4.4201, -2.2240



59.1699, 2.3070, 4.7598



59.1699, -7.2104, 6.7507

# Complementary

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



59.1687, -4.4190, -2.2250



60.3174, -1.6067, 8.3591

# 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.



59.1699, -4.7915, 8.1056



59.1687, -4.4190, -2.2250



59.1699, 0.7200, 6.9949

# Square

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



59.1699, -4.4201, -2.2240



59.1699, 2.4111, 2.0046



59.1699, -1.8899, 8.1928



59.1699, -8.5329, 4.4117



# Rectangle

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



59.1687, -4.4190, -2.2250



59.1699, 0.2558, -1.2076



59.1699, -1.8899, 8.1928



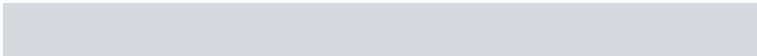
59.1699, -6.5007, 7.3313

# Sweetspot

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



59.1699, -4.4201, -2.2240



83.2153, -5.0880, 2.0247



61.8605, -10.9280, 5.7566



39.1109, -2.4452, 0.7303



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912



# Same Dimension

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



59.1699, -4.4201, -2.2240



77.8550, -6.1399, -4.6816



56.3569, 0.3040, -5.8017



28.9726, -2.0464, -0.5040



26.9844, 6.1854, -47.0806



5.5867, -0.8504, -5.1473



# Inverse Universe

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



57.7626, 4.8954, 1.0672



75.5966, 9.0096, 0.7810



63.1609, -6.3012, 11.3247



28.4247, 1.5371, 0.7387



26.5295, 47.3598, 2.2026



4.5481, 8.3447, -1.3703



# Previews

## White Background



This preview shows how the HunterLab color 59.1687, -4.4190, -2.2250 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 59.1687, -4.4190, -2.2250 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

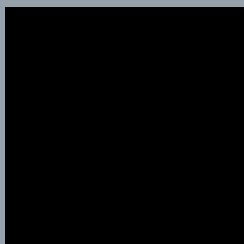
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

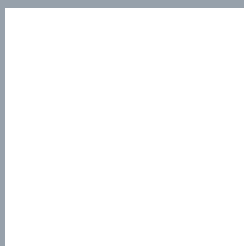
Any Text WCAG AAA ✓ Pass

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

## HunterLab 59.1687, -4.4190, -2.2250 Background



This preview shows how black text looks on a background with the HunterLab color 59.1687, -4.4190, -2.2250.



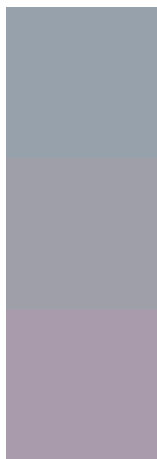
This preview shows how white text looks on a background with the HunterLab color 59.1687, -4.4190, -2.2250.

-2.2250.

# 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

59.1687, -4.4190, -2.2250

### Protanopia

59.2195, -1.2959, -1.6074

### Deuteranopia

59.0392, 4.1031, -2.7440



## Tritanopia

59.2336, -4.0623, -3.1445

# Trichromacy



## Original Color

59.1687, -4.4190, -2.2250

## Protanomaly

59.2552, -2.6706, -1.5865

## Deuteranomaly

58.9694, 0.9433, -2.8888

## Tritanomaly

59.2010, -4.2412, -2.6832

# Monochromacy



## Original Color

59.1687, -4.4190, -2.2250

## Achromatopsia

58.8816, -3.1418, 3.1991

## Achromatomaly

59.0372, -3.8656, 1.5120

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 59.1687, -4.4190, -2.2250 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(151, 161, 171)` looks like.

```
.text, #text, p{  
    color:rgb(151, 161, 171)  
}
```

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(151, 161, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 161, 171) }
```

## Border

The CSS property to change the border of an element to HunterLab 59.1687, -4.4190, -2.2250 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".

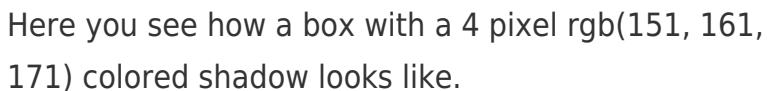
```
.border, #border, table{ border:4px solid rgb(151, 161, 171) }
```



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

```
.border{ border-color:rgb(151, 161, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(151, 161, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 161, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 161, 171); box-shadow:4px 4px 4px 4px rgb(151, 161, 171) }
```

# Background

The CSS property to change the background color of an element to HunterLab 59.1687, -4.4190, -2.2250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 161, 171) }
```

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

```
.background{ background-color: rgb(151,  
161, 171) }
```

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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