

# Converting Colors

HunterLab(61.4229, 34.4463,  
21.4114)

Have a look what the booklet for  
HunterLab(61.4229, 34.4463,  
21.4114) contains.

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# Color

**HunterLab(61.2872, 34.5055,  
21.1788)**

# Conversions

Conversions Part 1	
Format	Color
Hex	F28778
RGB	242, 135, 120
RGB Percent	95%, 53%, 47%
CMY	0.0510, 0.4706, 0.5294
CMYK	0.00, 0.44, 0.50, 0.05
HSL	7°, 82%, 71%
HSV	7°, 50%, 95%
XYZ	48.6720, 37.5612, 22.4540
YIQ	165.2830, 68.5870, 18.0190

# Conversions

## Conversions Part 2

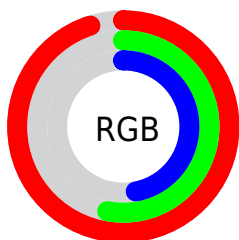
Format	Color
<a href="#">RYB</a>	<a href="#">242, 137, 120</a>
Decimal	<a href="#">15894392</a>
CIELab	<a href="#">67.70, 39.26, 26.14</a>
CIELCh	<a href="#">68, 47.168, 33.660</a>
Yxy	<a href="#">37.5631, 0.4478, 0.3456</a>
Android (android.graphics.Color)	<a href="#">4294084472</a> (0xFFFF28778)
YUV	<a href="#">165.2830, -22.3245, 67.2808</a>
Hunter-Lab	<a href="#">61.2872, 34.5055, 21.1788</a>

# Details

The HunterLab color **61.2872, 34.5055, 21.1788** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80.8322, -28.3041, -12.3036**, and the grayscale version is **61.5270, -3.2829, 3.3429**.

A 20% lighter version of the original color is **78.1444, 16.5190, 18.8286**, and **40.7266, 31.8228, 16.9742** is the 20% darker color. If you saturate the color by 10%, you get **56.3062, 43.2114, 23.8499**, and if you desaturate by 10%, it is **66.8964, 25.9376, 18.2185**.

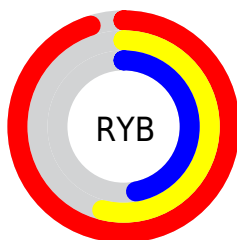
# Distribution



Red (95%)

Green (53%)

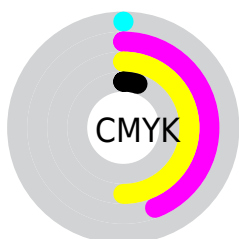
Blue (47%)



Red (95%)

Yellow (54%)

Blue (47%)

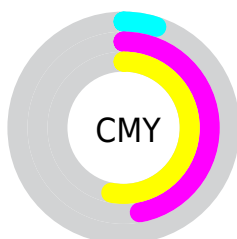


Cyan (0%)

Magenta (44%)

Yellow (50%)

Black (5%)



Cyan (5%)

Magenta (47%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.2872, 34.5055, 21.1788 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 61.2872, 34.5055, 21.1788 by changing the saturation by 10% instead.




 61.2872, 34.5055,  
21.1788


 61.2872, 34.5055,  
21.1788


183.2327, 41.7264,  
38.3271


 50.6397, 33.2490,  
19.0682


 84.5210, 36.6877,  
25.2073

 40.6907, 31.8779,  
16.8633


 97.0373, 37.6373,  
27.1516

 31.4951, 30.3816,  
14.5327


 110.1169, 38.5012,  
29.0629

 23.1205, 28.7617,  
12.0284

123.7364, 39.2854,  
30.9482






 15.6570, 27.0504,  
9.8032


137.8753, 39.9955,  
32.8131

 9.2312, 25.4164,  
6.4618

152.5151, 40.6363,

0.0000, INF, NaN

34.6623	0.0000, NaN, NaN
167.6392, 41.2120, 36.4993	0.0000, NaN, NaN
 61.2872, 34.5055, 21.1788	 61.2872, 34.5055, 21.1788
 56.3062, 43.2114, 23.8499	 66.8964, 25.9376, 18.2185
 52.0496, 51.7500, 26.0724	 73.0363, 17.6893, 15.0818
 48.6160, 59.6349, 27.6692	 79.6291, 9.8261, 11.8473
 46.0769, 66.2659, 28.4957	 86.6087, 2.3567, 8.5628
 44.4904, 70.8953, 28.6559	 93.9212, -4.7423, 5.2564

 98.8014, -9.5307,  
3.9407

# Harmonies

## Analogous

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



61.2888, 42.9701, 5.7616



61.2872, 34.5055, 21.1788



61.2888, 15.8927, 28.9154

# Triad

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



61.2888, 34.5018, 21.1798



61.2888, -35.7089, 18.1746



61.2888, -0.6480, -49.3855

# Complementary

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



61.2872, 34.5055, 21.1788



80.8322, -28.3041, -12.3036

# 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.



61.2888, -20.3401, -42.6130



61.2872, 34.5055, 21.1788



61.2888, -38.8957, 0.8072

# Square

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



61.2888, 34.5018, 21.1798



61.2888, -24.2807, 27.6402



61.2888, -33.6603, -22.2994



61.2888, 21.0101, -38.5391



# Rectangle

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



61.2872, 34.5055, 21.1788



61.2888, 1.2955, 30.7263



61.2888, -33.6603, -22.2994



61.2888, -7.7125, -49.1077

# Sweetspot

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



61.2888, 34.5018, 21.1798



88.4365, 6.1197, 10.7051



61.5620, 58.4249, -31.5693



40.1927, 3.6092, 5.2934

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



61.2888, 34.5018, 21.1798



59.8750, 45.6318, 25.2460



77.0507, 3.1771, 33.8603



40.0899, 0.7684, 3.7902



32.7679, 51.4387, 21.0920



9.9671, 13.2065, 6.3729

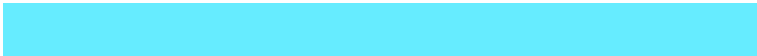


# Inverse Universe

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



80.8322, -28.3041, -12.3036



83.7495, -32.3700, -15.9377



61.6085, 0.9765, -42.8628



41.9257, -4.9440, 0.6866



53.7955, -23.2748, -16.9960



15.8110, -7.0888, -4.4595



# Previews

## White Background



This preview shows how the HunterLab color 61.2872, 34.5055, 21.1788 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

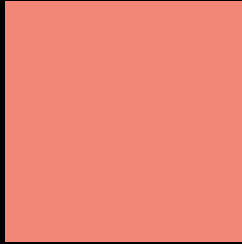
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 61.2872, 34.5055, 21.1788 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

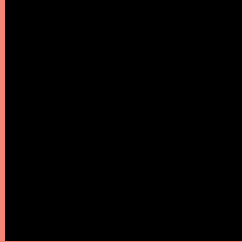
Any Text WCAG AA ✓ Pass

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 61.2872, 34.5055, 21.1788 Background



This preview shows how black text looks on a background with the HunterLab color 61.2872, 34.5055, 21.1788.



This preview shows how white text looks on a background with the HunterLab color 61.2872, 34.5055,



# 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

61.2872, 34.5055, 21.1788

### Protanopia

61.4373, -4.5555, 16.0117

### Deuteranopia




61.3066, 4.5339, 21.8767




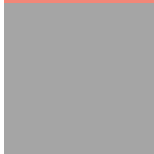

## Tritanopia

61.3667, 39.1136, 14.1521

# Trichromacy

	<b>Original Color</b> 61.2872, 34.5055, 21.1788
	<b>Protanomaly</b> 60.6946, 8.6913, 17.2636
	<b>Deuteranomaly</b> 61.0272, 14.7559, 21.5124
	<b>Tritanomaly</b> 61.2562, 37.2870, 16.9205

# Monochromacy

	<b>Original Color</b> 61.2872, 34.5055, 21.1788
	<b>Achromatopsia</b> 61.3402, -3.2730, 3.3327
	<b>Achromatomaly</b> 60.5133, 9.0622, 9.5877

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 61.2872, 34.5055, 21.1788 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(242, 135, 120)` looks like.

```
.text, #text, p{  
    color:rgb(242, 135, 120)  
}
```

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(242, 135, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 135, 120) }
```

## Border

The CSS property to change the border of an element to HunterLab 61.2872, 34.5055, 21.1788 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(242, 135, 120) }
```



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

```
.border{ border-color:rgb(242, 135, 120) }
```

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

Here you see how a box with a 4 pixel rgb(242, 135, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 135, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 135, 120);  
box-shadow:4px 4px 4px 4px rgb(242, 135,  
120) }
```

# Background

The CSS property to change the background color of an element to HunterLab 61.2872, 34.5055, 21.1788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 135, 120) }
```

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

```
.background{ background-color: rgb(242,  
135, 120) }
```

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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