

Converting Colors

HunterLab(65.5197, 55.5911,
4.4772)

Have a look what the booklet for
HunterLab(65.5197, 55.5911,
4.4772) contains.

HunterLab(63.2895, 49.5197, 1.8712)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(63.2895, 49.5197,
1.8712)**

Conversions

Conversions Part 1

Format	Color
Hex	FF81AF
RGB	255, 129, 175
RGB Percent	100%, 51%, 69%
CMY	0.0000, 0.4941, 0.3137
CMYK	0.00, 0.49, 0.31, 0.00
HSL	338°, 100%, 75%
HSV	338°, 49%, 100%
XYZ	56.8281, 40.0556, 45.2937
YIQ	171.9180, 60.3300, 41.0180

Conversions

Conversions Part 2

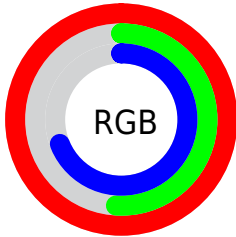
Format	Color
R _Y B	255, 129, 175
Decimal	16744879
CIE Lab	69.51, 52.65, -1.87
CIE LCh	70, 52.678, 357.968
Yxy	40.0576, 0.3997, 0.2817
Android (android.graphics.Color)	4294934959 (0xFFFF81AF)
YUV	171.9180, 1.5194, 72.8629
Hunter-Lab	63.2895, 49.5197, 1.8712

Details

The HunterLab color **63.2895, 49.5197, 1.8712** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **89.8841, -45.4442, 14.7980**, and the grayscale version is **64.1733, -3.4241, 3.4867**.

A 20% lighter version of the original color is **78.5309, 28.2079, -7.6364**, and **42.3435, 46.1661, 0.6616** is the 20% darker color. If you saturate the color by 10%, you get **57.9295, 60.0306, 3.2643**, and if you desaturate by 10%, it is **69.5047, 38.3757, 1.3594**.

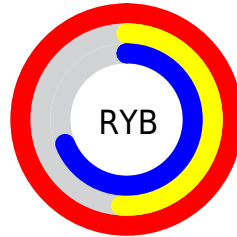
Distribution



Red (100%)

Green (51%)

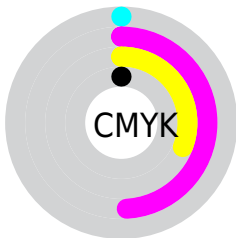
Blue (69%)



Red (100%)

Yellow (51%)

Blue (69%)

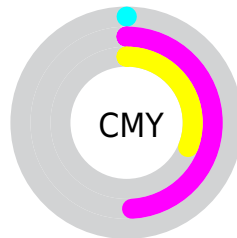


Cyan (0%)

Magenta (49%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (49%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.2895, 49.5197, 1.8712 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 63.2895, 49.5197, 1.8712 by changing the saturation by 10% instead.

63.2895, 49.5197,
1.8712

63.2895, 49.5197,
1.8712

186.1092, 60.6722,
7.8922

52.5200, 47.8031,
1.3787

86.7475, 52.6214,
2.9794

42.4404, 45.9812,
0.9285

99.3677, 54.0236,
3.5872

33.1037, 44.0588,
0.5263

112.5468, 55.3332,
4.2288

24.5743, 42.0688,
0.1777

126.2620, 56.5557,
4.9025

16.9375, 40.1136,
-0.1095

140.4930, 57.6963,
5.6068

10.3132, 38.5330,
-0.3232

155.2218, 58.7597,

0.0000, INF, -NF

6.3406

0.0000, INF, NaN

170.4321, 59.7504,
7.1027

0.0000, NaN, NaN

■ 63.2895, 49.5197,
1.8712

■ 63.2895, 49.5197,
1.8712

■ 57.9295, 60.0306,
3.2643

■ 69.5047, 38.3757,
1.3594

■ 53.5550, 69.2432,
5.6108

■ 76.4390, 27.0616,
1.5965

■ 50.2781, 76.3340,
8.8702

■ 83.9789, 15.8312,
2.4493

■ 48.1406, 80.6048,
12.8237

■ 92.0289, 4.8078,
3.7984

■ 47.0124, 82.0520,
17.0369

100.0000, -5.3358,
5.4332

■ 46.9594, 82.1056,
17.2727

Harmonies

Analogous

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



63.2911, 40.5708, -24.4647



63.2895, 49.5197, 1.8712



63.2911, 42.6318, 20.7356

Triad

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



63.2911, 49.5160, 1.8726



63.2911, -23.5577, 31.2041



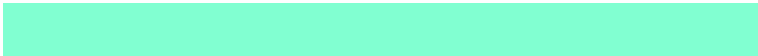
63.2911, -25.9955, -46.0664

Complementary

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



63.2895, 49.5197, 1.8712



89.8841, -45.4442, 14.7980

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.



63.2911, -39.1268, -20.7292



63.2895, 49.5197, 1.8712



63.2911, -37.8734, 22.5504

Square

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



63.2911, 49.5160, 1.8726



63.2911, -1.7399, 33.4457



63.2911, -43.1330, 4.9782



63.2911, -5.0044, -57.8141

Rectangle

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



63.2895, 49.5197, 1.8712



63.2911, 30.4895, 28.1065



63.2911, -43.1330, 4.9782



63.2911, -31.3508, -38.4838

Sweetspot

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



63.2911, 49.5160, 1.8726



87.4701, 10.9417, 2.9892



60.3730, 48.5052, -54.8599



39.6899, 6.1412, 1.2582

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.2911, 49.5160, 1.8726



58.1303, 59.6209, 3.1889



65.8356, 35.1346, 22.4764



42.5402, 2.2725, 1.7504



33.9833, 59.4919, 11.9258



10.6985, 18.9100, 2.3515

Inverse Universe

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



63.2911, 49.5160, 1.8726



58.1303, 59.6209, 3.1889



85.5300, -29.1803, -13.3904



42.5402, 2.2725, 1.7504



33.9833, 59.4919, 11.9258



10.6985, 18.9100, 2.3515

Previews

White Background



This preview shows how the HunterLab color 63.2895, 49.5197, 1.8712 looks on a white background.

Color Contrast Check

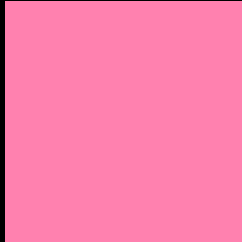
Large Text (above 18pt) WCAG AA × Fail

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 63.2895, 49.5197, 1.8712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

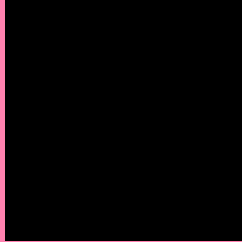
Any Text WCAG AA ✓ Pass

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 63.2895, 49.5197, 1.8712 Background



This preview shows how black text looks on a background with the HunterLab color 63.2895, 49.5197, 1.8712.



This preview shows how white text looks on a background with the HunterLab color 63.2895, 49.5197,

1.8712.

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

63.2895, 49.5197, 1.8712

Protanopia

63.5913, 0.7789, -11.7492

Deuteranopia

63.5135, 4.3883, 4.1735



Tritanopia

63.2748, 41.1614, 14.9863

Trichromacy



Original Color

63.2895, 49.5197, 1.8712



Protanomaly

62.2440, 17.2125, -8.2952



Deuteranomaly

62.7645, 20.2176, 2.6339



Tritanomaly

63.2647, 43.9374, 10.6906

Monochromacy



Original Color

63.2895, 49.5197, 1.8712



Achromatopsia

64.2295, -3.4271, 3.4897



Achromatomaly

62.7301, 14.8234, 1.5464

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.2895, 49.5197, 1.8712 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(255, 129, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 175)  
}
```

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(255, 129, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 175) }
```

Border

The CSS property to change the border of an element to HunterLab 63.2895, 49.5197, 1.8712 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(255, 129, 175) }
```


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

```
.border{ border-color:rgb(255, 129, 175) }
```

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

Here you see how a box with a 4 pixel rgb(255, 129, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 129, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 129, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 129,  
175) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.2895, 49.5197, 1.8712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 129, 175) }
```

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

```
.background{ background-color: rgb(255,  
129, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor