

# Converting Colors

HunterLab(63.5553, 45.3202,  
9.8189)

Have a look what the booklet for  
HunterLab(63.5553, 45.3202,  
9.8189) contains.

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# Color

**HunterLab(63.6425, 45.1270,  
9.8707)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF859E
RGB	255, 133, 158
RGB Percent	100%, 52%, 62%
CMY	0.0000, 0.4784, 0.3804
CMYK	0.00, 0.48, 0.38, 0.00
HSL	348°, 100%, 76%
HSV	348°, 48%, 100%
XYZ	55.7991, 40.5037, 37.2249
YIQ	172.3280, 64.6870, 33.6390

# Conversions

## Conversions Part 2

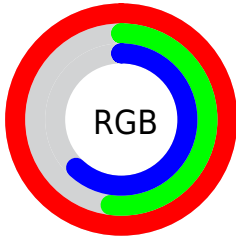
Format	Color
R <sub>Y</sub> B	255, 133, 158
Decimal	16745886
CIE Lab	69.83, 48.72, 8.13
CIE LCh	70, 49.392, 9.476
Yxy	40.5057, 0.4179, 0.3033
Android (android.graphics.Color)	4294935966 (0xFFFF859E)
YUV	172.3280, -7.0637, 72.5033
Hunter-Lab	63.6425, 45.1270, 9.8707

# Details

The HunterLab color **63.6425, 45.1270, 9.8707** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **90.6756, -41.1244, 6.2003**, and the grayscale version is **64.3764, -3.4350, 3.4977**.

A 20% lighter version of the original color is **78.9992, 22.9032, 2.3323**, and **42.7266, 42.0190, 7.7613** is the 20% darker color. If you saturate the color by 10%, you get **58.0591, 55.5577, 12.3001**, and if you desaturate by 10%, it is **70.0804, 34.3030, 8.0262**.

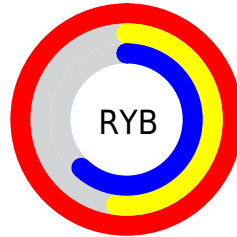
# Distribution



Red (100%)

Green (52%)

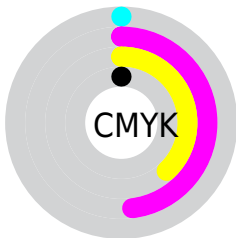
Blue (62%)



Red (100%)

Yellow (52%)

Blue (62%)

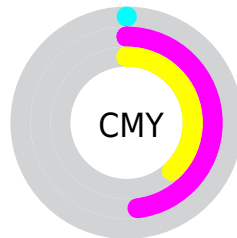


Cyan (0%)

Magenta (48%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (48%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.6425, 45.1270, 9.8707 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 63.6425, 45.1270, 9.8707 by changing the saturation by 10% instead.



63.6425, 45.1270,  
9.8707

63.6425, 45.1270,  
9.8707

186.6147, 55.0983,  
19.5945

52.8518, 43.5469,  
8.8554

87.1396, 47.9534,  
11.9339

42.7495, 41.8573,  
7.8438

99.7780, 49.2197,  
12.9834

33.3883, 40.0566,  
6.8315

112.9744, 50.3953,  
14.0468

24.8321, 38.1648,  
5.8090

126.7063, 51.4860,  
15.1250

17.1653, 36.2536,  
4.7596

140.9534, 52.4970,  
16.2186

10.5064, 34.5741,  
3.8771

155.6977, 53.4333,

0.0000, INF, NaN

17.3279

0.0000, INF, NaN

170.9231, 54.2991,  
18.4531

0.0000, NaN, NaN

■ 63.6425, 45.1270,  
9.8707

■ 63.6425, 45.1270,  
9.8707

■ 58.0591, 55.5577,  
12.3001

■ 70.0804, 34.3030,  
8.0262

■ 53.4702, 64.9808,  
15.2702

■ 77.2313, 23.4860,  
6.7290

■ 50.0041, 72.5752,  
18.6229

■ 84.9798, 12.8739,  
5.9144

■ 47.7229, 77.5671,  
22.0649

■ 93.2304, 2.5484,  
5.5091

■ 46.5523, 79.6888,  
25.2129

100.0000, -5.3358,  
5.4332

■ 46.3790, 79.9648,  
25.7883

# Harmonies

## Analogous

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



63.6441, 42.3793, -12.7137



63.6425, 45.1270, 9.8707



63.6441, 33.5424, 24.4622

# Triad

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



63.6441, 45.1232, 9.8720



63.6441, -28.6268, 27.7418



63.6441, -17.8637, -48.3641

# Complementary

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



63.6425, 45.1270, 9.8707



90.6756, -41.1244, 6.2003

# 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.



63.6441, -33.4604, -28.6339



63.6425, 45.1270, 9.8707



63.6441, -39.0492, 16.2664

# Square

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



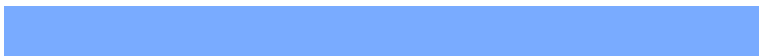
63.6441, 45.1232, 9.8720



63.6441, -10.3639, 32.1504



63.6441, -40.6866, -3.6877



63.6441, 3.8783, -51.9412



# Rectangle

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



63.6425, 45.1270, 9.8707



63.6441, 20.0899, 29.6908



63.6441, -40.6866, -3.6877



63.6441, -23.9095, -43.1412

# Sweetspot

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



63.6441, 45.1232, 9.8720



88.0934, 8.8729, 5.7142



63.7057, 52.7485, -47.8715



39.9426, 5.1425, 2.6924

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



63.6441, 45.1232, 9.8720



58.4920, 54.7096, 12.0740



71.2749, 24.0242, 25.8786



42.4829, 1.9643, 2.5682



33.5507, 57.8968, 18.2672



10.5396, 18.3267, 4.6617



# Inverse Universe

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



63.6441, 45.1232, 9.8720



58.4920, 54.7096, 12.0740



79.7637, -20.0137, -21.5243



42.4829, 1.9643, 2.5682



33.5507, 57.8968, 18.2672



10.5396, 18.3267, 4.6617



# Previews

## White Background



This preview shows how the HunterLab color 63.6425, 45.1270, 9.8707 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

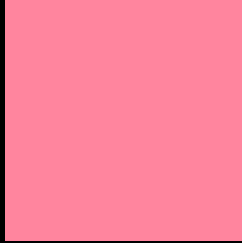
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 63.6425, 45.1270, 9.8707 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 63.6425, 45.1270, 9.8707 Background



This preview shows how black text looks on a background with the HunterLab color 63.6425, 45.1270, 9.8707.



This preview shows how white text looks on a background with the HunterLab color 63.6425, 45.1270,



# 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

63.6425, 45.1270, 9.8707

### Protanopia

63.8551, -1.2596, -0.2737

### Deuteranopia

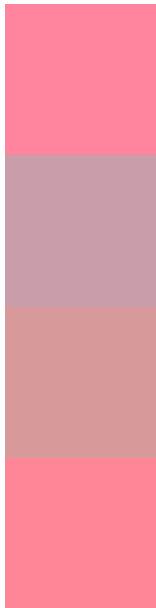
63.7805, 4.3972, 11.3630



## Tritanopia

63.5949, 42.0961, 14.9491

# Trichromacy



## Original Color

63.6425, 45.1270, 9.8707

## Protanomaly

62.9371, 13.9842, 2.7309

## Deuteranomaly

63.0460, 18.8504, 10.0157

## Tritanomaly

63.5004, 43.2073, 12.9441

# Monochromacy



## Original Color

63.6425, 45.1270, 9.8707

## Achromatopsia

64.2295, -3.4271, 3.4897

## Achromatomaly

63.0875, 12.8430, 4.7405

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 63.6425, 45.1270, 9.8707 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, 133, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 133, 158)  
}
```

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, 133, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 133, 158) }
```

## Border

The CSS property to change the border of an element to HunterLab 63.6425, 45.1270, 9.8707 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, 133, 158) }
```



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

```
.border{ border-color:rgb(255, 133, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 133, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 133, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 133, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 133,  
158) }
```

# Background

The CSS property to change the background color of an element to HunterLab 63.6425, 45.1270, 9.8707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 133, 158) }
```

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

```
.background{ background-color: rgb(255,  
133, 158) }
```

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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