

# Converting Colors

Hex(E5508F)

Have a look what the booklet for  
Hex(E5508F) contains.

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# **Color**

**Hex(E5508F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E5508F
RGB	229, 80, 143
RGB Percent	90%, 31%, 56%
CMY	0.1020, 0.6863, 0.4392
CMYK	0.00, 0.65, 0.38, 0.10
HSL	335°, 74%, 61%
HSV	335°, 65%, 90%
XYZ	40.1397, 24.3785, 28.5765
YIQ	131.7330, 68.5810, 51.1810

# Conversions

## Conversions Part 2

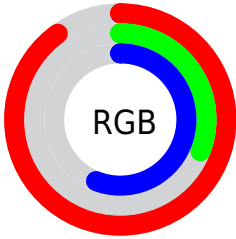
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	229, 80, 143
Decimal	15028367
CIE <sub>Lab</sub>	56.46, 62.78, -3.11
CIE <sub>LCh</sub>	56, 62.859, 357.163
Yxy	24.3785, 0.4312, 0.2619
Android (android.graphics.Color)	4293218447 (0xFFE5508F)
YUV	131.7330, 5.5546, 85.3032
Hunter-Lab	49.3746, 58.7082, 0.2470

# Details

The Hex color **E5508F** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **50E5A6**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF89C5**, and **A9025D** is the 20% darker color. If you saturate the color by 10%, you get **E53982**, and if you desaturate by 10%, it is **E5679C**.

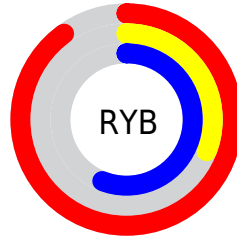
# Distribution



Red (90%)

Green (31%)

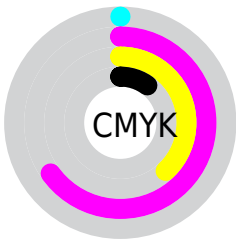
Blue (56%)



Red (90%)

Yellow (31%)

Blue (56%)

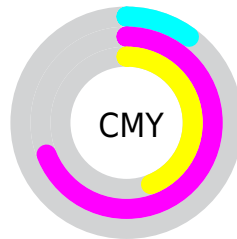


Cyan (0%)

Magenta (65%)

Yellow (38%)

Black (10%)



Cyan (10%)

Magenta (69%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5508F 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 Hex color E5508F by changing the saturation by 10% instead.



 E5508F

 E5508F

FFFFFF

 C73175

 FF89C5

 A9025D

 FFA6E1

 8C0045

 FFC3FD

 6F002F

 FFE0FF

 52001B

FFFEFF

 380002

 0C0000

 000000

 E5508F

 E5508F

 E53982

 E5679C

 E52275

 E57EA9

 E50B67

 E595B7

 E50061

 E5ACC4

 E5C3D1

 E5D9DE

 E5F0EC

 E5FFF9

 E5FFFF

# Harmonies

## Analogous

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



C462C4



E5508F



E75759

# Triad

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



E5508F



719314



009CE3

# Complementary

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



E5508F



50E5A6

# 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.



00A0B8



E5508F



109C48

# Square

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



E5508F



A68300



00A080



0090F5

# Rectangle

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



E5508F



D96538



00A080



009ED7



# Sweetspot

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



E5508F



FFCCE2



A450E5



80616E



000000



808080



# Same Dimension

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



E5508F



FF388C



E55A50



73676C



B3004B



330016



# Inverse Universe

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



E5508F



FF388C



50DBE5



73676C



B3004B



330016



# Previews

## White Background



This preview shows how the Hex color E5508F looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# 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 × Fail

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



## Hex E5508F Background



This preview shows how black text looks on a background with the Hex color E5508F.



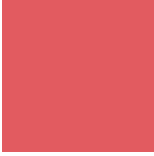
This preview shows how white text looks on a background with the Hex color E5508F.

# 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





**Tritanopia**  
E25B60

# Trichromacy



**Original Color**  
E5508F



**Protanomaly**  
A272A5



**Deuteranomaly**  
B2708B

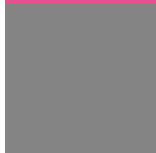


**Tritanomaly**  
E35771

# Monochromacy



**Original Color**  
E5508F



**Achromatopsia**  
848484



**Achromatomaly**  
A77188

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5508F 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 #E5508F looks like.

```
.text, #text, p{  
    color:#E5508F  
}
```

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 #E5508F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5508F
}
```

## Border

The CSS property to change the border of an element to Hex E5508F 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
#E5508F }
```

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

```
.border{ border-color:#E5508F }
```

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

Here you see how a box with a 4 pixel #E5508F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5508F; -webkit-box-shadow:4px 4px  
4px 4px #E5508F; box-shadow:4px 4px 4px  
4px #E5508F }
```

# Background

The CSS property to change the background color of an element to Hex E5508F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5508F }
```

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

```
.background{ background-color:#E5508F }
```

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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