

# Converting Colors

Hex(E75588)

Have a look what the booklet for  
Hex(E75588) contains.

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# **Color**

**Hex(E75588)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E75588
RGB	231, 85, 136
RGB Percent	91%, 33%, 53%
CMY	0.0941, 0.6667, 0.4667
CMYK	0.00, 0.63, 0.41, 0.09
HSL	339°, 75%, 62%
HSV	339°, 63%, 91%
XYZ	40.6474, 25.2635, 26.0265
YIQ	134.4680, 70.6450, 46.8130

# Conversions

## Conversions Part 2

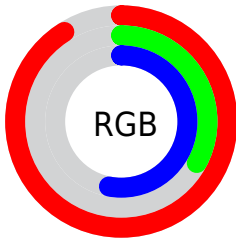
Format	Color
R <sub>Y</sub> B	231, 85, 136
Decimal	15160712
CIE Lab	57.33, 60.62, 2.31
CIE LCh	57, 60.666, 2.183
Yxy	25.2635, 0.4421, 0.2748
Android (android.graphics.Color)	4293350792 (0xFFE75588)
YUV	134.4680, 0.7553, 84.6586
Hunter-Lab	50.2628, 56.3927, 4.4831

# Details

The Hex color **E75588** 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 **55E7B4**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF8EBD**, and **AB1156** is the 20% darker color. If you saturate the color by 10%, you get **E73E79**, and if you desaturate by 10%, it is **E76C97**.

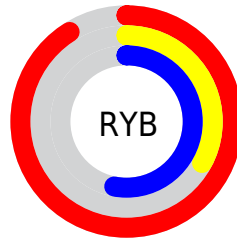
# Distribution



Red (91%)

Green (33%)

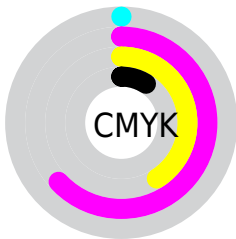
Blue (53%)



Red (91%)

Yellow (33%)

Blue (53%)

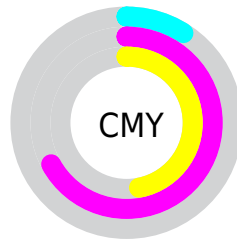


Cyan (0%)

Magenta (63%)

Yellow (41%)

Black (9%)



Cyan (9%)

Magenta (67%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E75588 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 E75588 by changing the saturation by 10% instead.



 E75588

 E75588

FFFFFF

 C9376F

 FF8EBD

 AB1156

 FFAAD9

 8D003F

 FFC7F5

 70002A

 FFE4FF

 530015

 390002

 0F0000

 000000

 E75588

 E75588

 E73E79

 E76C97

 E7276A

 E783A6

 E7105B

 E79AB5

 E70051

 E7B1C4

 E7C9D3

 E7E0E2

 E7F7F1

 E7FFFF

# Harmonies

## Analogous

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



CC62BC



E75588



E45E54

# Triad

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



E75588



6B9726



009CE7

# Complementary

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



E75588



55E7B4

# 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.



00A2C1



E75588



009F56

# Square

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



E75588



A08808



00A28C



008FF4

# Rectangle

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



E75588



D56D36



00A28C



009EDD



# Sweetspot

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



E75588



FFCFDF



B455E7



80626C



000000



808080



# Same Dimension

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



E75588



FF3D81



E76B55



73676B



B3003E



330012



# Inverse Universe

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



E75588



FF3D81



55D1E7



73676B



B3003E



330012



# Previews

## White Background



This preview shows how the Hex color E75588 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 E75588 Background



This preview shows how black text looks on a background with the Hex color E75588.



This preview shows how white text looks on a background with the Hex color E75588.

# 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**  
E75588

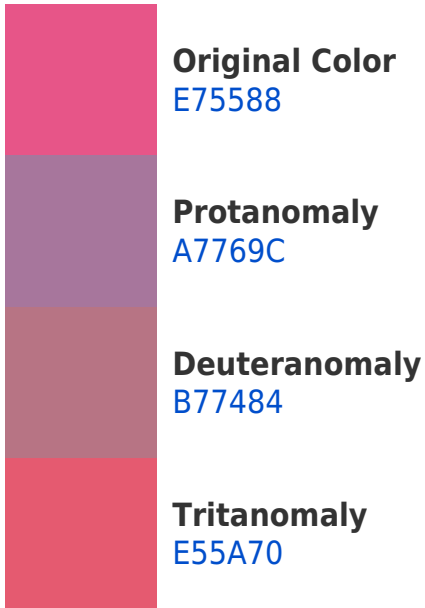
**Protanopia**  
8389A7

**Deuteranopia**  
9B8581



**Tritanopia**  
E45D63

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E75588 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 #E75588 looks like.

```
.text, #text, p{  
    color:#E75588  
}
```

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 #E75588 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E75588
}
```

## Border

The CSS property to change the border of an element to Hex E75588 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
#E75588 }
```

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

```
.border{ border-color:#E75588 }
```

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

Here you see how a box with a 4 pixel #E75588 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E75588; -webkit-box-shadow:4px 4px  
4px 4px #E75588; box-shadow:4px 4px 4px  
4px #E75588 }
```

# Background

The CSS property to change the background color of an element to Hex E75588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E75588 }
```

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

```
.background{ background-color:#E75588 }
```

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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