

# Converting Colors

Hex(E45D72)

Have a look what the booklet for  
Hex(E45D72) contains.

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**Color**

**Hex(E45D72)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E45D72
RGB	228, 93, 114
RGB Percent	89%, 36%, 45%
CMY	0.1059, 0.6353, 0.5529
CMYK	0.00, 0.59, 0.50, 0.11
HSL	351°, 71%, 63%
HSV	351°, 59%, 89%
XYZ	38.9465, 25.5376, 18.7961
YIQ	135.7590, 73.7190, 35.1510

# Conversions

## Conversions Part 2

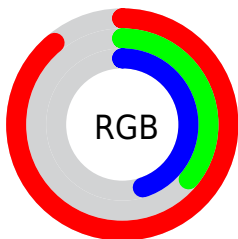
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	228, 93, 114
Decimal	14966130
CIE <sub>Lab</sub>	57.60, 54.15, 15.53
CIE <sub>LCh</sub>	58, 56.336, 16.000
Yxy	25.5376, 0.4677, 0.3066
Android (android.graphics.Color)	4293156210 (0xFFE45D72)
YUV	135.7590, -10.7272, 80.8954
Hunter-Lab	50.5347, 49.1321, 13.3217

# Details

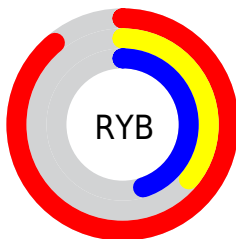
The Hex color **E45D72** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **5DE4CF**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF94A6**, and **A72342** is the 20% darker color. If you saturate the color by 10%, you get **E4465F**, and if you desaturate by 10%, it is **E47485**.

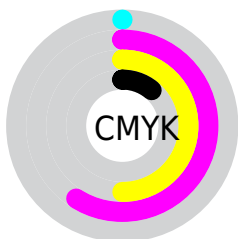
# Distribution



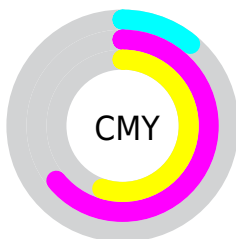
- Red (89%)
- Green (36%)
- Blue (45%)



- Red (89%)
- Yellow (36%)
- Blue (45%)



- Cyan (0%)
- Magenta (59%)
- Yellow (50%)
- Black (11%)



- Cyan (11%)
- Magenta (64%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E45D72 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 E45D72 by changing the saturation by 10% instead.



 E45D72

 E45D72

FFFFFF

 C6415A

 FF94A6

 A72342

 FFB0C1

 8A002C

 FFCDDD

 6D0018

 FFEAF9

 500000

 350002

 020000

 000000

 E45D72

 E45D72

 E4465F

 E47485

 E42F4B

 E48B99

 E41938

 E4A1AC

 E40225

 E4B8BF

 E40023

 E4CFD2

 E4E6E6

 E4FDF9

 E4FFFF

# Harmonies

## Analogous

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



D860A4



E45D72



D76C45

# Triad

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



E45D72



529B42



0096EA

# Complementary

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



E45D72



5DE4CF

# 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.



009FD0



E45D72



00A071

# Square

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



E45D72



8B9021



00A2A4



5E87E9

# Rectangle

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



E45D72



C3792D



00A2A4



009AE4



# Sweetspot

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



E45D72



FFD1D8



CE5DE4



806368



000000



808080



# Same Dimension

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



E45D72



FF4A66



E48A5D



736769



B3001C



330008



# Inverse Universe

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



E45D72



FF4A66



5DB7E4



736769



B3001C



330008



# Previews

## White Background



This preview shows how the Hex color E45D72 looks on a white background.

## Color Contrast Check

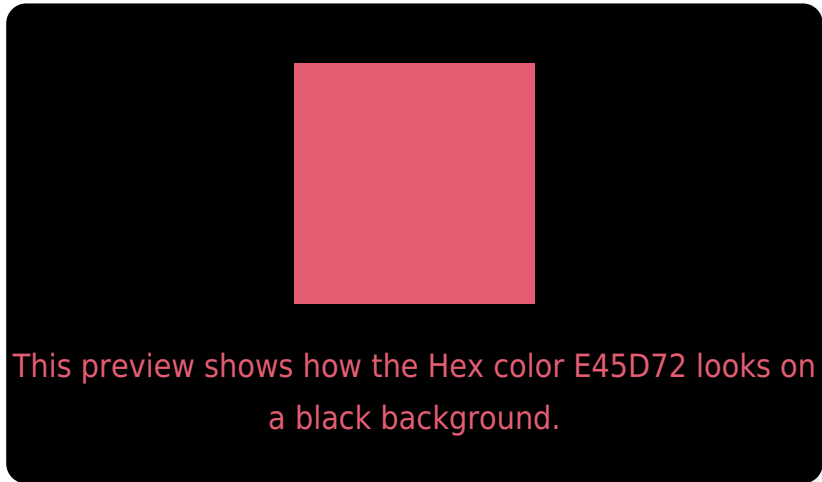
Large Text (above 18pt) WCAG AA ✓ Pass

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 E45D72 Background



This preview shows how black text looks on a background with the Hex color E45D72.



This preview shows how white text looks on a background with the Hex color E45D72.

# 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**  
E45D72

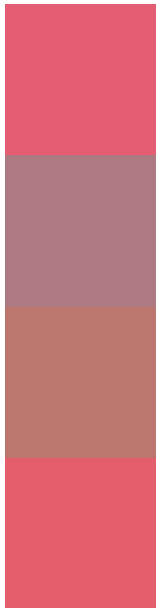
**Protanopia**  
8E8A89

**Deuteranopia**  
A3856C



**Tritanopia**  
E35F65

# Trichromacy



**Original Color**  
E45D72

**Protanomaly**  
AD7A81

**Deuteranomaly**  
BB766E

**Tritanomaly**  
E35E6A

# Monochromacy



**Original Color**  
E45D72

**Achromatopsia**  
888888

**Achromatomaly**  
A97880

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E45D72 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 #E45D72 looks like.

```
.text, #text, p{  
  color:#E45D72  
}
```

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 #E45D72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E45D72
}
```

## Border

The CSS property to change the border of an element to Hex E45D72 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
#E45D72 }
```

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

```
.border{ border-color:#E45D72 }
```

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

Here you see how a box with a 4 pixel #E45D72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E45D72; -webkit-box-shadow:4px 4px  
4px 4px #E45D72; box-shadow:4px 4px 4px  
4px #E45D72 }
```

# Background

The CSS property to change the background color of an element to Hex E45D72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E45D72 }
```

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

```
.background{ background-color:#E45D72 }
```

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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