

# Converting Colors

Hex(E25E80)

Have a look what the booklet for  
Hex(E25E80) contains.

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# **Color**

**Hex(E25E80)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E25E80
RGB	226, 94, 128
RGB Percent	89%, 37%, 50%
CMY	0.1137, 0.6314, 0.4980
CMYK	0.00, 0.58, 0.43, 0.11
HSL	345°, 69%, 63%
HSV	345°, 58%, 89%
XYZ	39.2630, 25.7327, 23.3196
YIQ	137.3440, 67.7580, 38.5580

# Conversions

## Conversions Part 2

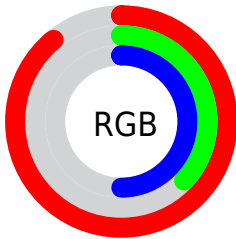
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 94, 128
Decimal	14835328
CIE Lab	57.78, 54.35, 7.55
CIE LCh	58, 54.873, 7.909
Yxy	25.7327, 0.4446, 0.2914
Android (android.graphics.Color)	4293025408 (0xFFE25E80)
YUV	137.3440, -4.6066, 77.7513
Hunter-Lab	50.7274, 49.3862, 8.2533

# Details

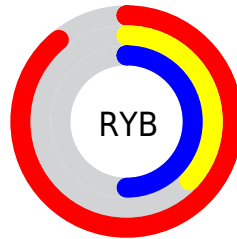
The Hex color **E25E80** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **5EE2C0**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF95B5**, and **A6244F** is the 20% darker color. If you saturate the color by 10%, you get **E2476F**, and if you desaturate by 10%, it is **E27591**.

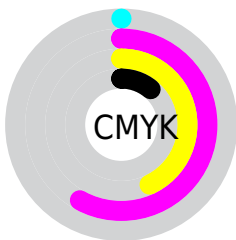
# Distribution



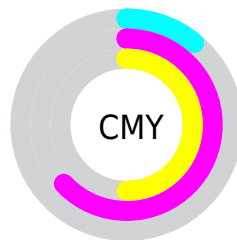
- Red (89%)
- Green (37%)
- Blue (50%)



- Red (89%)
- Yellow (37%)
- Blue (50%)



- Cyan (0%)
- Magenta (58%)
- Yellow (43%)
- Black (11%)



- Cyan (11%)
- Magenta (63%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E25E80 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 E25E80 by changing the saturation by 10% instead.



 E25E80

 E25E80

FFFFFF

 C44267

 FF95B5

 A6244F

 FFB1D0

 890038

 FFCCEC

 6C0023

 FFE8FF

 50000E

 360002

 040000

 000000

 E25E80

 E25E80

 E2476F

 E27591

 E2315E

 E28BA2

 E21A4E

 E2A2B2

 E2043D

 E2B8C3

 E2003A

 E2CFD4

 E2E6E5

 E2FCF5

 E2FFFF

# Harmonies

## Analogous

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



CF65B0



E25E80



DB6852

# Triad

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



E25E80



65993A



0099E3

# Complementary

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



E25E80



5EE2C0

# 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.



00A0C5



E25E80



009F65

# Square

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



E25E80



988D22



00A297



3E8CEA

# Rectangle

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



E25E80



CB7539



00A297



009CDB



# Sweetspot

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



E25E80



FFD1DD



BF5EE2



80636B



000000



808080



# Same Dimension

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



E25E80



FF4D7A



E27D5E



706568



B0002D



30000C



# Inverse Universe

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



E25E80



FF4D7A



5EC3E2



706568



B0002D



30000C



# Previews

## White Background



This preview shows how the Hex color E25E80 looks on a white background.

## Color Contrast Check

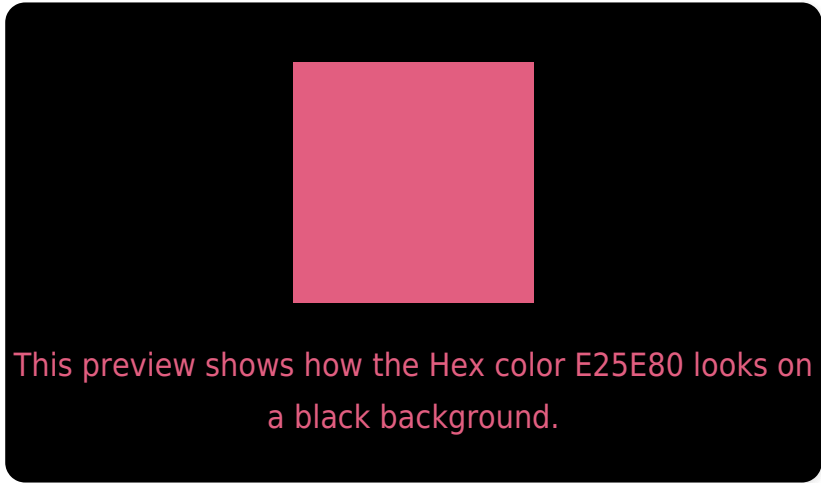
Large Text (above 18pt) WCAG AA ✓ Pass

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

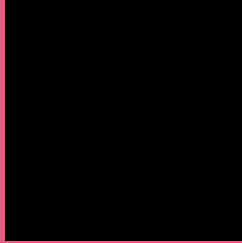
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex E25E80 Background



This preview shows how black text looks on a background with the Hex color E25E80.



This preview shows how white text looks on a background with the Hex color E25E80.

# 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**  
E06269

# Trichromacy



**Original Color**  
E25E80



**Protanomaly**  
AA7A90



**Deuteranomaly**  
B7777C

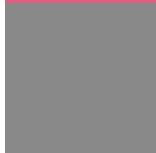


**Tritanomaly**  
E16171

# Monochromacy



**Original Color**  
E25E80



**Achromatopsia**  
898989



**Achromatomaly**  
A97986

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E25E80 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 #E25E80 looks like.

```
.text, #text, p{  
    color:#E25E80  
}
```

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 #E25E80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E25E80
}
```

## Border

The CSS property to change the border of an element to Hex E25E80 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
#E25E80 }
```

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

```
.border{ border-color:#E25E80 }
```

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

Here you see how a box with a 4 pixel #E25E80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E25E80; -webkit-box-shadow:4px 4px  
4px 4px #E25E80; box-shadow:4px 4px 4px  
4px #E25E80 }
```

# Background

The CSS property to change the background color of an element to Hex E25E80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E25E80 }
```

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

```
.background{ background-color:#E25E80 }
```

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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