

# Converting Colors

Hex(E25EAF)

Have a look what the booklet for  
Hex(E25EAF) contains.

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# Color

Hex(E25EAF)

# Conversions

## Conversions Part 1

Format	Color
Hex	E25EAF
RGB	226, 94, 175
RGB Percent	89%, 37%, 69%
CMY	0.1137, 0.6314, 0.3137
CMYK	0.00, 0.58, 0.23, 0.11
HSL	323°, 69%, 63%
HSV	323°, 58%, 89%
XYZ	43.1046, 27.2693, 43.5491
YIQ	142.7020, 52.6710, 53.1750

# Conversions

## Conversions Part 2

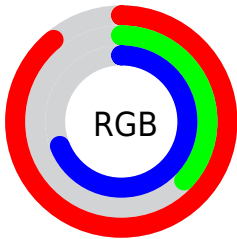
Format	Color
R <sub>Y</sub> B	226, 94, 175
Decimal	14835375
CIE Lab	59.22, 59.91, -17.66
CIE LCh	59, 62.461, 343.574
Yxy	27.2693, 0.3784, 0.2394
Android (android.graphics.Color)	4293025455 (0xFFE25EAF)
YUV	142.7020, 15.9229, 73.0523
Hunter-Lab	52.2200, 55.9564, -12.8911

# Details

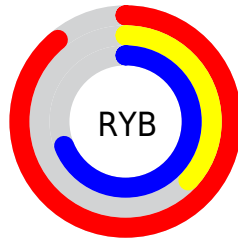
The Hex color **E25EAF** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **5EE291**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FF96E7**, and **A7227A** is the 20% darker color. If you saturate the color by 10%, you get **E247A6**, and if you desaturate by 10%, it is **E275B8**.

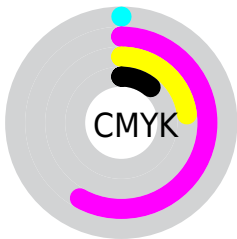
# Distribution



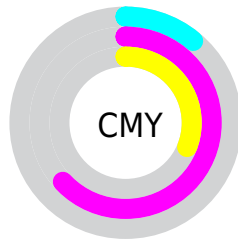
- Red (89%)
- Green (37%)
- Blue (69%)



- Red (89%)
- Yellow (37%)
- Blue (69%)



- Cyan (0%)
- Magenta (58%)
- Yellow (23%)
- Black (11%)



- Cyan (11%)
- Magenta (63%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E25EAF 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 E25EAF by changing the saturation by 10% instead.



 E25EAF

 E25EAF

FFFFFF

 C44194

 FF96E7

 A7227A

 FFB2FF

 8B0061

 FFCFFF

 6F004A

 FFEDFF

 530033

 3A001E

 1B0001

 000000

 E25EAF

 E25EAF

 E247A6

 E275B8

 E2319E

 E28BC0

 E21A95

 E2A2C9

 E2048C

 E2B8D2

 E2008B

 E2CFDB

 E2E6E3

 E2FCEC

 E2FFF5

 E2FFFE

# Harmonies

## Analogous

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



B175DF



E25EAF



F15978

# Triad

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



E25EAF



93940D



00A6D9

# Complementary

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



E25EAF



5EE291

# 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.



00A8A7



E25EAF



54A039

# Square

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



E25EAF



C2811A



00A66E



009DF8

# Rectangle

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



E25EAF



EC6355



00A66E



00A7CA



# Sweetspot

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



E25EAF



FFD1ED



915EE2



806375



000000



808080



# Same Dimension

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



E25EAF



FF4DBA



E25E6D



70656C



B0006C



30001E



# Inverse Universe

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



E25EAF



FF4DBA



5EE2D3



70656C



B0006C



30001E



# Previews

## White Background



This preview shows how the Hex color E25EAF looks on a white background.

## Color Contrast Check

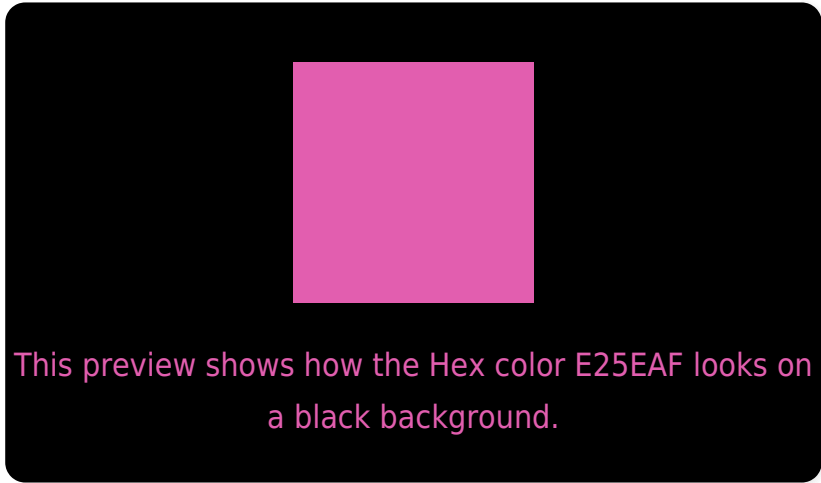
Large Text (above 18pt) WCAG AA ✓ Pass

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 E25EAF Background



This preview shows how black text looks on a background with the Hex color E25EAF.

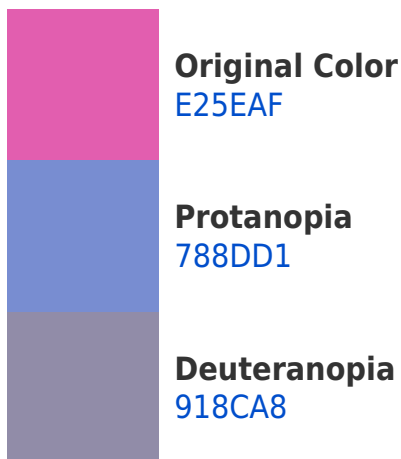


This preview shows how white text looks on a background with the Hex color E25EAF.

# 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**  
DC6C73

# Trichromacy



**Original Color**  
E25EAF



**Protanomaly**  
9F7CC5



**Deuteranomaly**  
AE7BAB



**Tritanomaly**  
DE6789

# Monochromacy



**Original Color**  
E25EAF



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
AD7D9B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E25EAF 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 #E25EAF looks like.

```
.text, #text, p{  
    color:#E25EAF  
}
```

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 #E25EAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E25EAF
}
```

## Border

The CSS property to change the border of an element to Hex E25EAF 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
#E25EAF }
```

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

```
.border{ border-color:#E25EAF }
```

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

Here you see how a box with a 4 pixel #E25EAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E25EAF; -webkit-box-shadow:4px 4px  
4px 4px #E25EAF; box-shadow:4px 4px 4px  
4px #E25EAF }
```

# Background

The CSS property to change the background color of an element to Hex E25EAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E25EAF }
```

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

```
.background{ background-color:#E25EAF }
```

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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