

# Converting Colors

Hex(E25ACC)

Have a look what the booklet for  
Hex(E25ACC) contains.

<b>Hex(E25ACC)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(E25ACC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E25ACC
RGB	226, 90, 204
RGB Percent	89%, 35%, 80%
CMY	0.1137, 0.6471, 0.2000
CMYK	0.00, 0.60, 0.10, 0.11
HSL	310°, 70%, 62%
HSV	310°, 60%, 89%
XYZ	45.9193, 27.8407, 60.0803
YIQ	143.6600, 44.4620, 64.2860

# Conversions

## Conversions Part 2

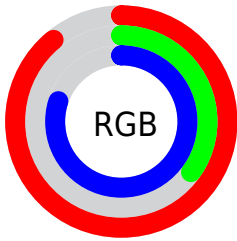
Format	Color
R <sub>YB</sub>	226, 90, 204
Decimal	14834380
CIE <sub>Lab</sub>	59.74, 65.85, -33.45
CIE <sub>LCh</sub>	60, 73.856, 333.072
Yxy	27.8407, 0.3431, 0.2080
Android (android.graphics.Color)	4293024460 (0xFFE25ACC)
YUV	143.6600, 29.7476, 72.2122
Hunter-Lab	52.7643, 63.0060, -30.5758

# Details

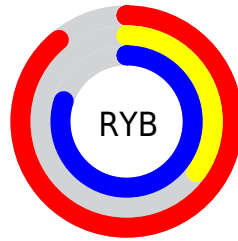
The Hex color **E25ACC** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **5AE270**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FF93FF**, and **A71895** is the 20% darker color. If you saturate the color by 10%, you get **E243C8**, and if you desaturate by 10%, it is **E271D0**.

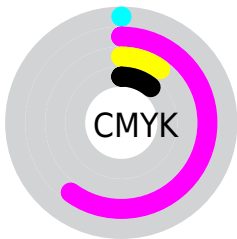
# Distribution



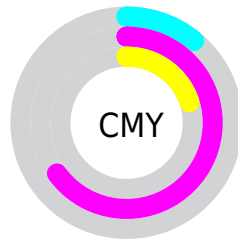
- Red (89%)
- Green (35%)
- Blue (80%)



- Red (89%)
- Yellow (35%)
- Blue (80%)



- Cyan (0%)
- Magenta (60%)
- Yellow (10%)
- Black (11%)



- Cyan (11%)
- Magenta (65%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E25ACC 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 E25ACC by changing the saturation by 10% instead.



 E25ACC

 E25ACC

FFFFFF

 C43CB0

 FF93FF

 A71895

 FFB0FF

 8B007B

 FFCDFD

 6F0062

 FFEAFF

 53004A

 3B0033

 1C001D

 000000

 E25ACC

 E25ACC

 E243C8

 E271D0

 E22DC5

 E287D3

 E216C1

 E29ED7

 E200BD

 E2B4DB

 E2CBDE

 E2E2E2

 E2F8E6

 E2FFE9

 E2FFED

# Harmonies

## Analogous

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



967BFE



E25ACC



FF468C

# Triad

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



E25ACC



A78F00



00ACD6

# Complementary

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



E25ACC



5AE270

# 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.



00AD95



E25ACC



64A000

# Square

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



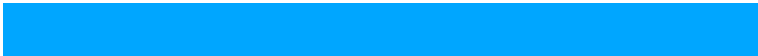
E25ACC



DA7607



00A951



00A6FF

# Rectangle

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



E25ACC



FF4E61



00A951



00ADC1



# Sweetspot

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



E25ACC



FFD1F8



6E5AE2



80637B



000000



808080



# Same Dimension

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



E25ACC



FF47E1



E25A8A



70656E



B00093



300029



# Inverse Universe

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



E25ACC



FF47E1



5AE2B2



70656E



B00093



300029



# Previews

## White Background



This preview shows how the Hex color E25ACC 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 E25ACC Background



This preview shows how black text looks on a background with the Hex color E25ACC.



This preview shows how white text looks on a background with the Hex color E25ACC.

# 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](#).

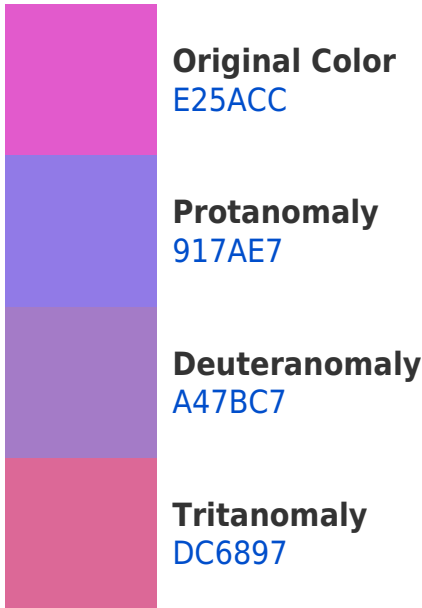
## Dichromacy



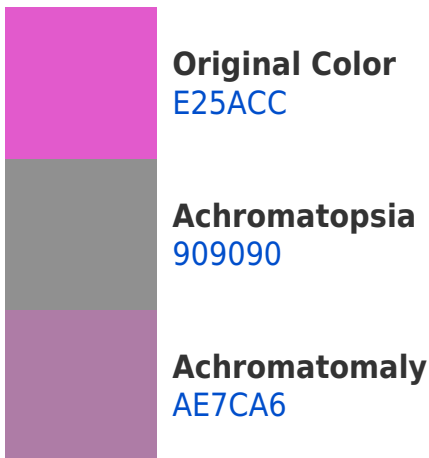


**Tritanopia**  
D97078

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E25ACC 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 #E25ACC looks like.

```
.text, #text, p{  
    color:#E25ACC  
}
```

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 #E25ACC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E25ACC
}
```

## Border

The CSS property to change the border of an element to Hex E25ACC 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
#E25ACC }
```

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

```
.border{ border-color:#E25ACC }
```

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

Here you see how a box with a 4 pixel #E25ACC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E25ACC; -webkit-box-shadow:4px 4px  
4px 4px #E25ACC; box-shadow:4px 4px 4px  
4px #E25ACC }
```

# Background

The CSS property to change the background color of an element to Hex E25ACC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E25ACC }
```

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

```
.background{ background-color:#E25ACC }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor