

# Converting Colors

Hex(F25CCE)

Have a look what the booklet for  
Hex(F25CCE) contains.

<b>Hex(F25CCE)</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(F25CCE)

# Conversions

## Conversions Part 1

Format	Color
Hex	F25CCE
RGB	242, 92, 206
RGB Percent	95%, 36%, 81%
CMY	0.0510, 0.6392, 0.1922
CMYK	0.00, 0.62, 0.15, 0.05
HSL	314°, 85%, 65%
HSV	314°, 62%, 95%
XYZ	51.5857, 30.9878, 61.6549
YIQ	149.8460, 52.8060, 67.2540

# Conversions

## Conversions Part 2

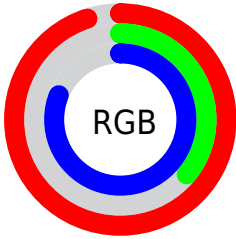
Format	Color
R <sub>Y</sub> B	242, 92, 206
Decimal	15883470
CIE Lab	62.50, 69.50, -30.12
CIE LCh	62, 75.746, 336.567
Yxy	30.9878, 0.3577, 0.2149
Android (android.graphics.Color)	4294073550 (0xFFFF25CCE)
YUV	149.8460, 27.6839, 80.8191
Hunter-Lab	55.6667, 67.9973, -26.7013

# Details

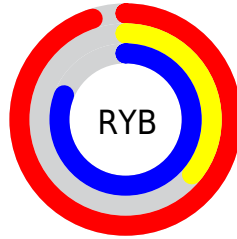
The Hex color **F25CCE** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **5CF280**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FF96FF**, and **B61697** is the 20% darker color. If you saturate the color by 10%, you get **F244C8**, and if you desaturate by 10%, it is **F274D4**.

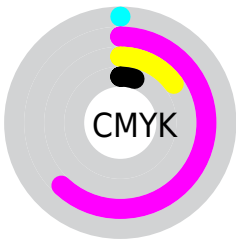
# Distribution



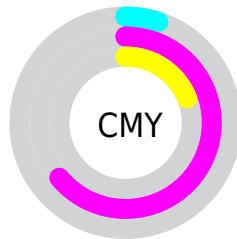
- Red (95%)
- Green (36%)
- Blue (81%)



- Red (95%)
- Yellow (36%)
- Blue (81%)



- Cyan (0%)
- Magenta (62%)
- Yellow (15%)
- Black (5%)



- Cyan (5%)
- Magenta (64%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F25CCE 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 F25CCE by changing the saturation by 10% instead.



 F25CCE

 F25CCE

FFFFFF

 D43DB2

 FF96FF

 B61697

 FFB3FF

 99007D

 FFD0FF

 7D0064

 FFE0FF

 61004C

 460035

 2A001F

 000000

 F25CCE

 F25CCE

 F244C8

 F274D4

 F22CC2

 F28CDA

 F213BD

 F2A5DF

 F200B8

 F2BDE5

 F2D5EB

 F2EDF1

 F2FFF7

 F2FFFC

 F2FFFF

# Harmonies

## Analogous

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



AA7EFF



F25CCE



FF4C8B

# Triad

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



F25CCE



A89900



00B4E6

# Complementary

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



F25CCE



5CF280

# 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.



00B5A5



F25CCE



60A914

# Square

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



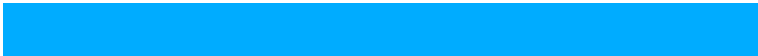
F25CCE



DF8000



00B25E



00ACFF

# Rectangle

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



F25CCE



FF565F



00B25E



00B5D2



# Sweetspot

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



F25CCE



FFCFF3



7F5CF2



806278



000000



808080



# Same Dimension

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



F25CCE



FF42D2



F25C84



786C75



B8008C



38002B



# Inverse Universe

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



F25CCE



FF42D2



5CF2CA



786C75



B8008C

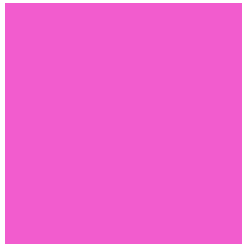


38002B



# Previews

## White Background



This preview shows how the Hex color F25CCE looks on a white background.

## Color Contrast Check

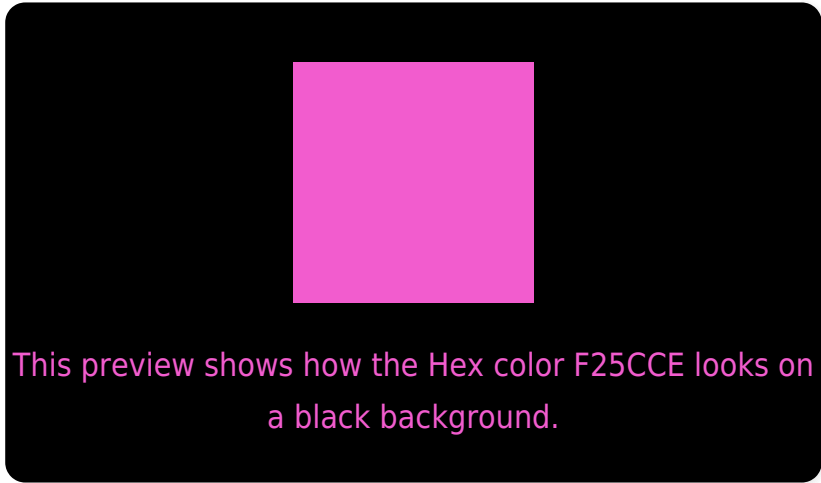
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex F25CCE Background



This preview shows how black text looks on a background with the Hex color F25CCE.

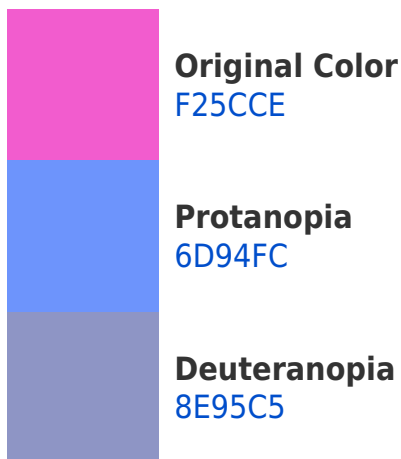



This preview shows how white text looks on a background with the Hex color F25CCE.

# 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



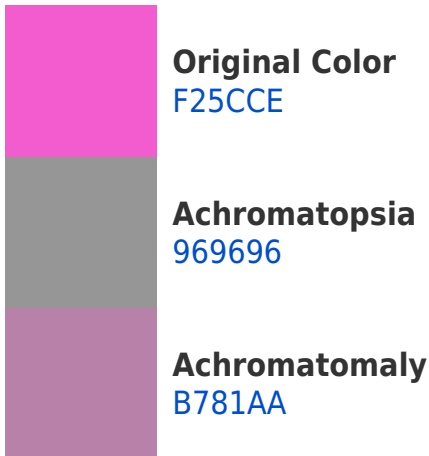


**Tritanopia**  
EA727A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F25CCE 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 #F25CCE looks like.

```
.text, #text, p{  
    color:#F25CCE  
}
```

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 #F25CCE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F25CCE
}
```

## Border

The CSS property to change the border of an element to Hex F25CCE 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
#F25CCE }
```

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

```
.border{ border-color:#F25CCE }
```

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

Here you see how a box with a 4 pixel #F25CCE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F25CCE; -webkit-box-shadow:4px 4px  
4px 4px #F25CCE; box-shadow:4px 4px 4px  
4px #F25CCE }
```

# Background

The CSS property to change the background color of an element to Hex F25CCE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F25CCE }
```

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

```
.background{ background-color:#F25CCE }
```

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