

# Converting Colors

Hex(F25A95)

Have a look what the booklet for  
Hex(F25A95) contains.

<b>Hex(F25A95)</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(F25A95)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F25A95
RGB	242, 90, 149
RGB Percent	95%, 35%, 58%
CMY	0.0510, 0.6471, 0.4157
CMYK	0.00, 0.63, 0.38, 0.05
HSL	337°, 85%, 65%
HSV	337°, 63%, 95%
XYZ	45.6989, 28.3595, 31.4991
YIQ	142.1740, 71.6530, 50.5730

# Conversions

## Conversions Part 2

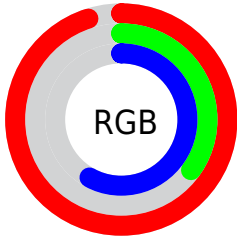
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	242, 90, 149
Decimal	15882901
CIE Lab	60.21, 63.20, -0.87
CIE LCh	60, 63.211, 359.208
Yxy	28.3595, 0.4329, 0.2687
Android (android.graphics.Color)	4294072981 (0xFFFF25A95)
YUV	142.1740, 3.3652, 87.5474
Hunter-Lab	53.2536, 59.9836, 2.2080

# Details

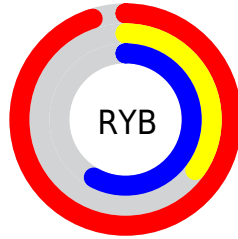
The Hex color **F25A95** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **5AF2B7**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF93CB**, and **B51762** is the 20% darker color. If you saturate the color by 10%, you get **F24286**, and if you desaturate by 10%, it is **F272A4**.

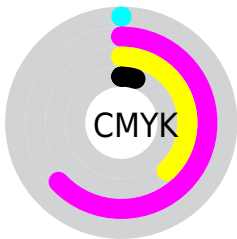
# Distribution



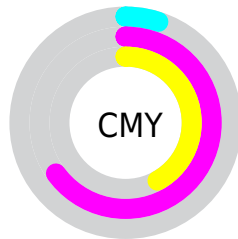
- Red (95%)
- Green (35%)
- Blue (58%)



- Red (95%)
- Yellow (35%)
- Blue (58%)



- Cyan (0%)
- Magenta (63%)
- Yellow (38%)
- Black (5%)



- Cyan (5%)
- Magenta (65%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F25A95 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 F25A95 by changing the saturation by 10% instead.



 F25A95

 F25A95

FFFFFF

 D33C7B

 FF93CB

 B51762

 FFB0E7

 98004B

 FFCDFD

 7A0034

 FFEAFF

 5D001F

 440006

 230001

 000000

 F25A95

 F25A95

 F24286

 F272A4

 F22A77

 F28AB3

 F21169

 F2A3C1

 F2005E

 F2BBD0

 F2D3DF

 F2EBEE

 F2FFFD

 F2FFFF

# Harmonies

## Analogous

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



D36ACB



F25A95



F2625E

# Triad

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



F25A95



779E23



00A5F0

# Complementary

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



F25A95



5AF2B7

# 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.



00ABC6



F25A95



12A755

# Square

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



F25A95



AE8E0A



00AB8E



0098FF

# Rectangle

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



F25A95



E3703E



00AB8E



00A8E5



# Sweetspot

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



F25A95



FFCFE1



B55AF2



80626E



000000



808080



# Same Dimension

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



F25A95



FF408A



F2695A



786C71



B80047



380016



# Inverse Universe

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



F25A95



FF408A



5AE3F2



786C71



B80047



380016



# Previews

## White Background



This preview shows how the Hex color F25A95 looks on a white background.

## Color Contrast Check

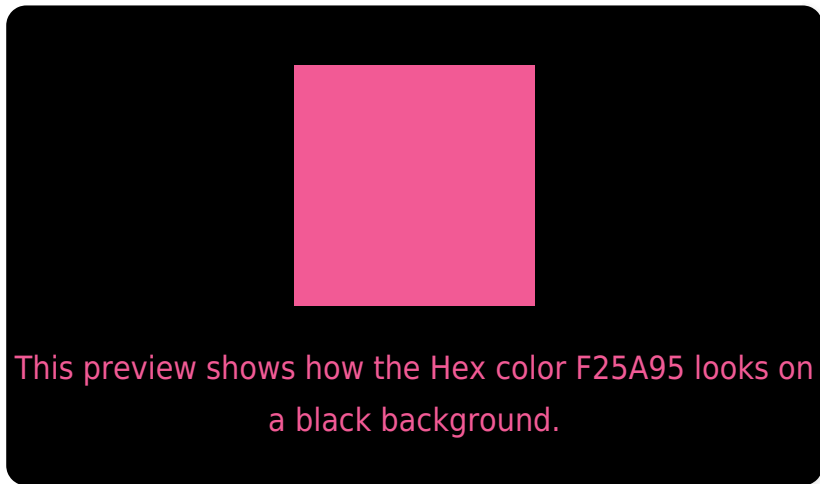
Large Text (above 18pt) WCAG AA ✓ Pass

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 F25A95 Background



This preview shows how black text looks on a background with the Hex color F25A95.

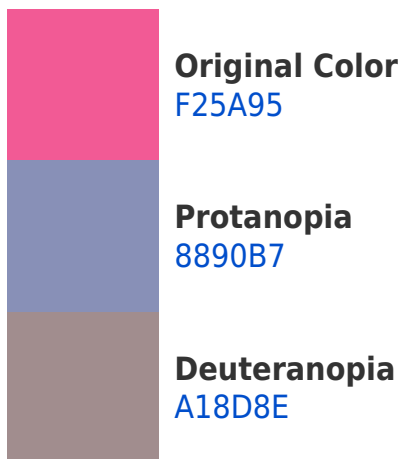


This preview shows how white text looks on a background with the Hex color F25A95.

# 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**  
EF636A

# Trichromacy



**Original Color**  
F25A95



**Protanomaly**  
AF7CAB



**Deuteranomaly**  
BE7A91



**Tritanomaly**  
F0607A

# Monochromacy



**Original Color**  
F25A95



**Achromatopsia**  
8E8E8E



**Achromatomaly**  
B27B91

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F25A95 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 #F25A95 looks like.

```
.text, #text, p{  
    color:#F25A95  
}
```

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 #F25A95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F25A95
}
```

## Border

The CSS property to change the border of an element to Hex F25A95 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
#F25A95 }
```

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

```
.border{ border-color:#F25A95 }
```

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

Here you see how a box with a 4 pixel #F25A95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F25A95; -webkit-box-shadow:4px 4px  
4px 4px #F25A95; box-shadow:4px 4px 4px  
4px #F25A95 }
```

# Background

The CSS property to change the background color of an element to Hex F25A95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F25A95 }
```

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

```
.background{ background-color:#F25A95 }
```

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