

# Converting Colors

Hex(F516E1)

Have a look what the booklet for  
Hex(F516E1) contains.

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# Color

**Hex(F516E1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F516E1
RGB	245, 22, 225
RGB Percent	96%, 9%, 88%
CMY	0.0392, 0.9137, 0.1176
CMYK	0.00, 0.91, 0.08, 0.04
HSL	305°, 92%, 52%
HSV	305°, 91%, 96%
XYZ	51.5337, 25.4225, 73.4251
YIQ	111.8190, 67.7450, 110.4090

# Conversions

## Conversions Part 2

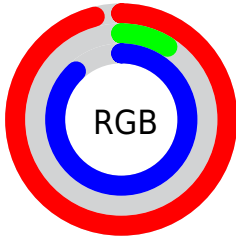
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 22, 225
Decimal	16062177
CIE <sub>Lab</sub>	57.48, 90.97, -48.69
CIE <sub>LCh</sub>	57, 103.177, 331.844
Yxy	25.4225, 0.3427, 0.1691
Android (android.graphics.Color)	4294252257 (0xFFFF516E1)
YUV	111.8190, 55.7982, 116.7997
Hunter-Lab	50.4208, 94.2037, -51.0463

# Details

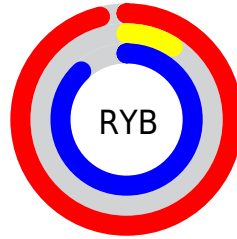
The Hex color **F516E1** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **16F52A**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF6BFF**, and **B800A9** is the 20% darker color. If you saturate the color by 10%, you get **F500DF**, and if you desaturate by 10%, it is **F52FE3**.

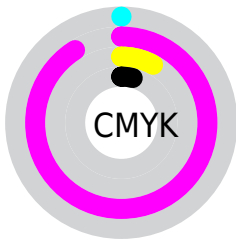
# Distribution



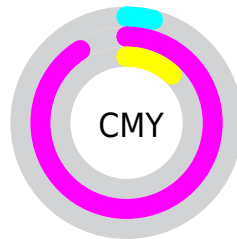
- Red (96%)
- Green (9%)
- Blue (88%)



- Red (96%)
- Yellow (9%)
- Blue (88%)



- Cyan (0%)
- Magenta (91%)
- Yellow (8%)
- Black (4%)



- Cyan (4%)
- Magenta (91%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F516E1 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 F516E1 by changing the saturation by 10% instead.



 F516E1

 F516E1

FFFFFF

 D600C5

 FF6BFF

 B800A9

 FF8BFF

 9A008E

 FFAAFF

 7C0074

 FFC8FF

 5F005A

 FFE7FF

 430042

 25002B

 000115

 000000

 F516E1

 F516E1

 F500DF

 F52FE3

 F547E5

 F560E8

 F578EA

 F591EC

 F5A9EE

 F5C2F0

 F5DAF3

 F5F3F5

# Harmonies

## Analogous

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



7C6EFF



F516E1



FF0089

# Triad

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



F516E1



A38900



00AEE8

# Complementary

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



F516E1



16F52A

# 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.



00AD8E



F516E1



3F9E00

# Square

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



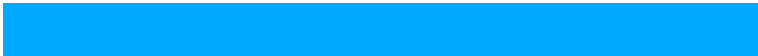
F516E1



E86000



00A928



00A8FF

# Rectangle

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



F516E1



FF004E



00A928



00AECB



# Sweetspot

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



F516E1



FFBAF9



2916F5



80577C



000000



808080



# Same Dimension

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



F516E1



FF00E8



F51673



7A6E79



BA00A9



3B0035



# Inverse Universe

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



F516E1



FF00E8



16F598



7A6E79



BA00A9



3B0035



# Previews

## White Background



This preview shows how the Hex color F516E1 looks on a white background.

## Color Contrast Check

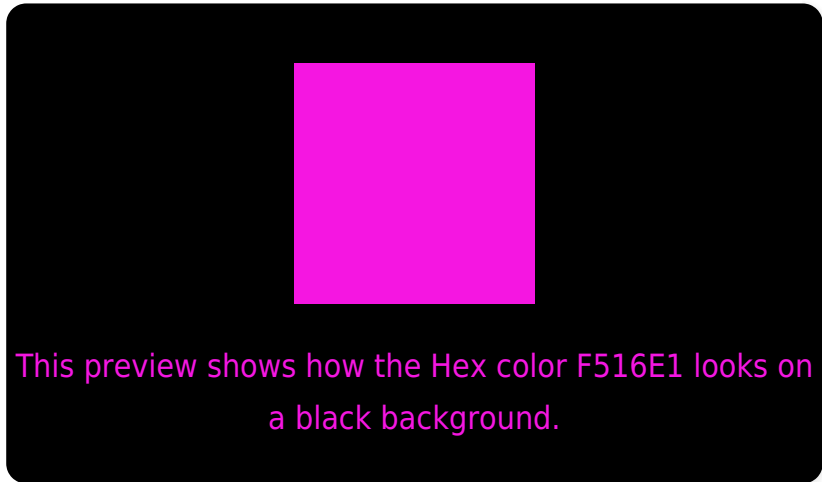
Large Text (above 18pt) WCAG AA ✓ Pass

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 F516E1 Background



This preview shows how black text looks on a background with the Hex color F516E1.

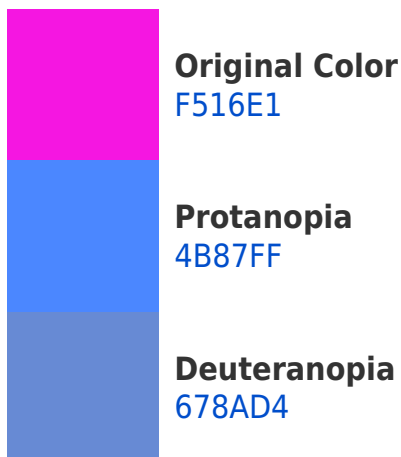



This preview shows how white text looks on a background with the Hex color F516E1.

# 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**  
E85A60

# Trichromacy



**Original Color**  
F516E1



**Protanomaly**  
895EF4



**Deuteranomaly**  
9B60D9



**Tritanomaly**  
ED418F

# Monochromacy



**Original Color**  
F516E1



**Achromatopsia**  
707070



**Achromatomaly**  
A04F99

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F516E1 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 #F516E1 looks like.

```
.text, #text, p{  
    color:#F516E1  
}
```

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 #F516E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F516E1
}
```

## Border

The CSS property to change the border of an element to Hex F516E1 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
#F516E1 }
```

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

```
.border{ border-color:#F516E1 }
```

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

Here you see how a box with a 4 pixel #F516E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F516E1; -webkit-box-shadow:4px 4px  
4px 4px #F516E1; box-shadow:4px 4px 4px  
4px #F516E1 }
```

# Background

The CSS property to change the background color of an element to Hex F516E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F516E1 }
```

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

```
.background{ background-color:#F516E1 }
```

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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