

Converting Colors

Hex(FF66E5)

Have a look what the booklet for
Hex(FF66E5) contains.

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Color

Hex(F666E5)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FF66E5 |
| RGB | 255, 102, 229 |
| RGB Percent | 100%, 40%, 90% |
| CMY | 0.0000, 0.6000, 0.1020 |
| CMYK | 0.00, 0.60, 0.10, 0.00 |
| HSL | 310°, 100%, 70% |
| HSV | 310°, 60%, 100% |
| XYZ | 60.1342, 36.4199, 77.9891 |
| YIQ | 162.2250, 50.4210, 71.9330 |

Conversions

Conversions Part 2

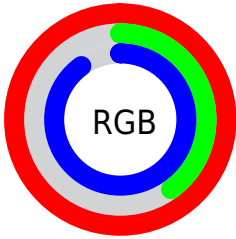
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 255, 102, 229 |
| Decimal | 16738021 |
| CIE _{Lab} | 66.84, 72.17, -36.12 |
| CIE _{LCh} | 67, 80.704, 333.414 |
| Yxy | 36.4199, 0.3445, 0.2087 |
| Android (android.graphics.Color) | 4294928101 (0xFFFF66E5) |
| YUV | 162.2250, 32.9201, 81.3637 |
| Hunter-Lab | 60.3489, 72.2545, -34.3764 |

Details

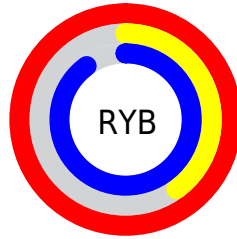
The Hex color **FF66E5** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **66FF80**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFA0FF**, and **C324AD** is the 20% darker color. If you saturate the color by 10%, you get **FF4DE1**, and if you desaturate by 10%, it is **FF80E9**.

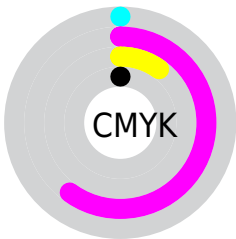
Distribution



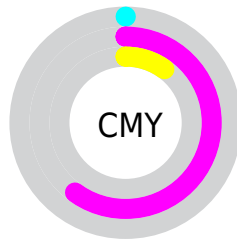
- Red (100%)
- Green (40%)
- Blue (90%)



- Red (100%)
- Yellow (40%)
- Blue (90%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color FF66E5 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 FF66E5 by changing the saturation by 10% instead.

 FF66E5

 FF66E5

FFFFFF

 E148C9

 FFA0FF

 C324AD

 FFBEFF

 A60092

 FFDBFF

 890078

 FFF9FF

 6D005F

 510047

 370030

 15001A

 000000

 FF66E5

 FF66E5

 FF4DE1

 FF80E9

 FF33DC

 FF99EE

 FF19D8

 FFB3F2

 FF00D4

 FFCCF6

 FFE6FB

FFFFFF

Harmonies

Analogous

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



AB8BFF



FF66E5



FF509D

Triad

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



FF66E5



BCA200



00C2F1

Complementary

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



FF66E5



66FF80

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.



00C3A9



FF66E5



71B502

Square

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



FF66E5



F58607



00BF5D



00BBFF

Rectangle

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



FF66E5



FF596E



00BF5D



00C3DB

Sweetspot

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



FF66E5



FFD1F7



7F66FF



80637B



000000



808080

Same Dimension

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



FF66E5



FF47E0



FF6699



80737D



BF009F



400035

Inverse Universe

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



FF66E5



FF47E0



66FFCC



80737D



BF009F



400035

Previews

White Background



This preview shows how the Hex color FF66E5 looks on a white background.

Color Contrast Check

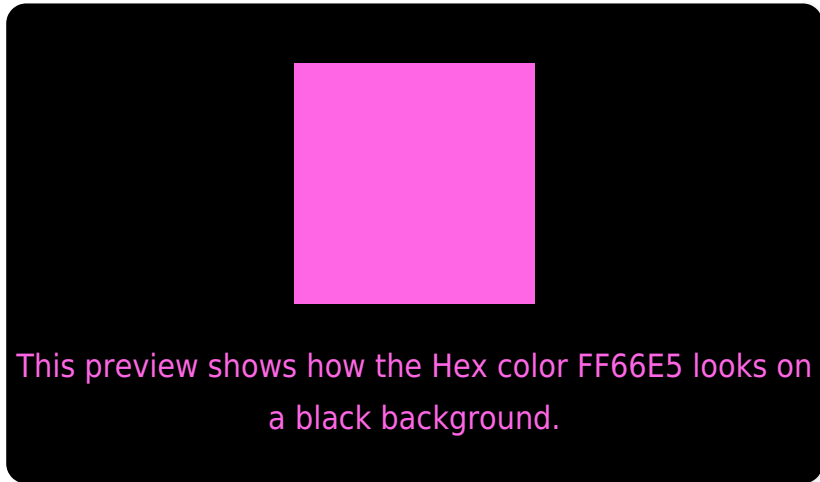
Large Text (above 18pt) WCAG AA × Fail

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 FF66E5 Background



This preview shows how black text looks on a background with the Hex color FF66E5.



This preview shows how white text looks on a background with the Hex color FF66E5.

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



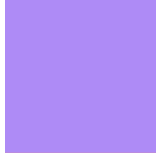


Tritanopia
F57F88

Trichromacy



Original Color
FF66E5



Protanomaly
AE8BF6



Deuteranomaly
BA8CDF



Tritanomaly
F976AA

Monochromacy



Original Color
FF66E5



Achromatopsia
A2A2A2



Achromatomaly
C48CBA

CSS Examples

Text

The CSS property to change the color of the text to Hex FF66E5 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 #FF66E5 looks like.

```
.text, #text, p{  
    color:#FF66E5  
}
```

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 #FF66E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF66E5
}
```

Border

The CSS property to change the border of an element to Hex FF66E5 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
#FF66E5 }
```

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

```
.border{ border-color:#FF66E5 }
```

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

Here you see how a box with a 4 pixel #FF66E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF66E5; -webkit-box-shadow:4px 4px  
4px 4px #FF66E5; box-shadow:4px 4px 4px  
4px #FF66E5 }
```

Background

The CSS property to change the background color of an element to Hex FF66E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF66E5 }
```

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

```
.background{ background-color:#FF66E5 }
```

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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