

Converting Colors

Hex(FF66E6)

Have a look what the booklet for
Hex(FF66E6) contains.

Hex(FF66E6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F666E6)

Conversions

Conversions Part 1

Format	Color
Hex	FF66E6
RGB	255, 102, 230
RGB Percent	100%, 40%, 90%
CMY	0.0000, 0.6000, 0.0980
CMYK	0.00, 0.60, 0.10, 0.00
HSL	310°, 100%, 70%
HSV	310°, 60%, 100%
XYZ	60.2743, 36.4759, 78.7267
YIQ	162.3390, 50.1000, 72.2440

Conversions

Conversions Part 2

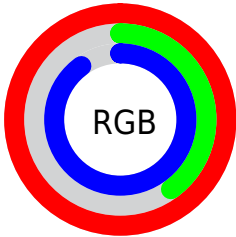
Format	Color
RYB	255, 102, 230
Decimal	16738022
CIELab	66.88, 72.32, -36.61
CIELCh	67, 81.058, 333.152
Yxy	36.4759, 0.3435, 0.2079
Android (android.graphics.Color)	4294928102 (0xFFFF66E6)
YUV	162.3390, 33.3569, 81.2637
Hunter-Lab	60.3953, 72.4506, -35.0092

Details

The Hex color **FF66E6** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **66FF7F**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFA0FF**, and **C324AE** is the 20% darker color. If you saturate the color by 10%, you get **FF4DE2**, and if you desaturate by 10%, it is **FF80EA**.

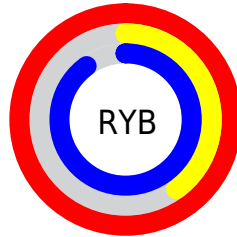
Distribution



Red (100%)

Green (40%)

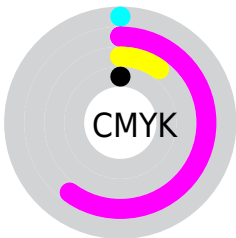
Blue (90%)



Red (100%)

Yellow (40%)

Blue (90%)

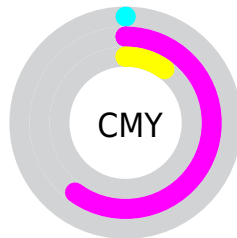


Cyan (0%)

Magenta (60%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (60%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF66E6 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 FF66E6 by changing the saturation by 10% instead.

 FF66E6

 FF66E6

FFFFFF

 E148CA

 FFA0FF

 C324AE

 FFBEFF

 A60093

 FFDBFF

 890079

 FFF9FF

 6D0060

 510047

 370031

 15001A

 000000

 FF66E6

 FF66E6

 FF4DE2

 FF80EA

 FF33DE

 FF99EE

 FF19D9

 FFB3F3

 FF00D5

 FFCCF7

 FFE6FB

FFFFFF

Harmonies

Analogous

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



AA8BFF



FF66E6



FF509E

Triad

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



FF66E6



BCA200



00C3F1

Complementary

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



FF66E6



66FF7F

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



FF66E6



71B500

Square

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



FF66E6



F68507



00BF5C



00BBFF

Rectangle

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



FF66E6



FF596E



00BF5C



00C3DA

Sweetspot

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



FF66E6



FFD1F8



7D66FF



80637B



000000



808080

Same Dimension

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



FF66E6



FF47E1



FF669C



80737D



BF00A0



400035

Inverse Universe

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



FF66E6



FF47E1



66FFC9



80737D



BF00A0



400035

Previews

White Background



This preview shows how the Hex color FF66E6 looks on a white background.

Color Contrast Check

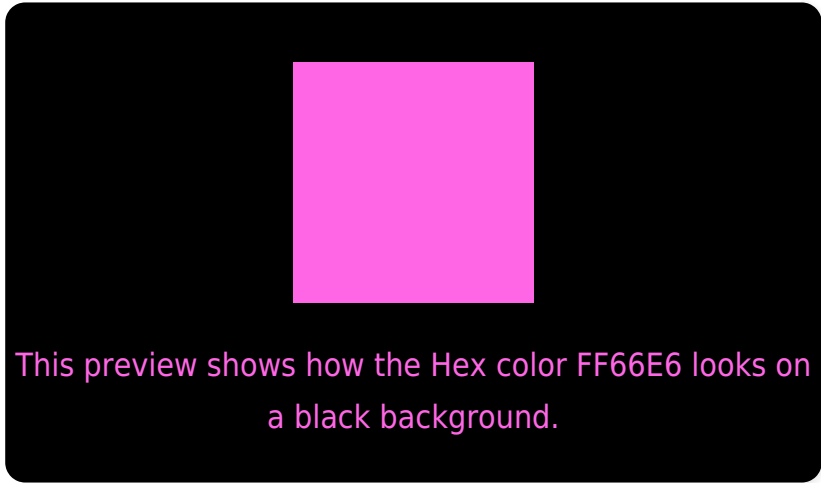
Large Text (above 18pt) WCAG AA × Fail

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 FF66E6 Background



This preview shows how black text looks on a background with the Hex color FF66E6.



This preview shows how white text looks on a background with the Hex color FF66E6.

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
FF66E6



Protanomaly
AE8BF6



Deuteranomaly
BA8CE0



Tritanomaly
F976AA

Monochromacy



Original Color
FF66E6



Achromatopsia
A2A2A2



Achromatomaly
C48CBB

CSS Examples

Text

The CSS property to change the color of the text to Hex FF66E6 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 #FF66E6 looks like.

```
.text, #text, p{  
    color:#FF66E6  
}
```

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 #FF66E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF66E6
}
```

Border

The CSS property to change the border of an element to Hex FF66E6 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
#FF66E6 }
```

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

```
.border{ border-color:#FF66E6 }
```

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

Here you see how a box with a 4 pixel #FF66E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF66E6; -webkit-box-shadow:4px 4px  
4px 4px #FF66E6; box-shadow:4px 4px 4px  
4px #FF66E6 }
```

Background

The CSS property to change the background color of an element to Hex FF66E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF66E6 }
```

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

```
.background{ background-color:#FF66E6 }
```

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