

Converting Colors

Hex(FF66B4)

Have a look what the booklet for
Hex(FF66B4) contains.

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Color

Hex(F666B4)

Conversions

Conversions Part 1

Format	Color
Hex	FF66B4
RGB	255, 102, 180
RGB Percent	100%, 40%, 71%
CMY	0.0000, 0.6000, 0.2941
CMYK	0.00, 0.60, 0.29, 0.00
HSL	329°, 100%, 70%
HSV	329°, 60%, 100%
XYZ	54.2296, 34.0580, 46.8957
YIQ	156.6390, 66.1500, 56.6940

Conversions

Conversions Part 2

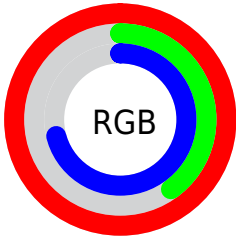
Format	Color
R_{YB}	255, 102, 180
Decimal	16737972
CIE _{Lab}	65.01, 65.53, -11.37
CIE _{LCh}	65, 66.506, 350.158
Yxy	34.0580, 0.4012, 0.2519
Android (android.graphics.Color)	4294928052 (0xFFFF66B4)
YUV	156.6390, 11.5170, 86.2626
Hunter-Lab	58.3593, 63.7401, -6.7921

Details

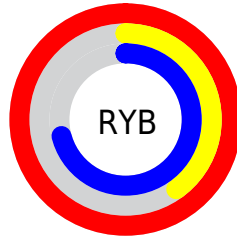
The Hex color **FF66B4** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **66FFB1**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FF9FEC**, and **C2277F** is the 20% darker color. If you saturate the color by 10%, you get **FF4DA8**, and if you desaturate by 10%, it is **FF80C1**.

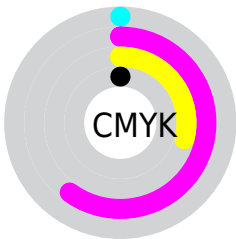
Distribution



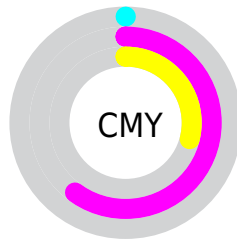
- Red (100%)
- Green (40%)
- Blue (71%)



- Red (100%)
- Yellow (40%)
- Blue (71%)



- Cyan (0%)
- Magenta (60%)
- Yellow (29%)
- Black (0%)



- Cyan (0%)
- Magenta (60%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF66B4 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 FF66B4 by changing the saturation by 10% instead.

 FF66B4

 FF66B4

FFFFFF

 E14999

 FF9FEC

 C2277F

 FFBCFF

 A50066

 FFDAFF

 88004E

 FFF7FF

 6B0037

 4F0022

 340009

 020000

 000000

 FF66B4

 FF66B4

 FF4DA8

 FF80C1

 FF339B

 FF99CD

 FF198F

 FFB3DA

 FF0082

 FFCCE6

 FFE6F3

FFFFFF

Harmonies

Analogous

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



D27CEB



FF66B4



FF6678

Triad

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



FF66B4



95A71C



00B6F8

Complementary

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



FF66B4



66FFB1

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.



00BAC5



FF66B4



49B34D

Square

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



FF66B4



CC9418



00B987



00AAFF

Rectangle

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



FF66B4



FE7354



00B987



00B8E9

Sweetspot

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



FF66B4



FFD1E9



B066FF



806372



000000



808080

Same Dimension

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



FF66B4



FF47A5



FF6669



807379



BF0062



400021

Inverse Universe

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



FF66B4



FF47A5



66FFFC



807379



BF0062



400021

Previews

White Background



This preview shows how the Hex color FF66B4 looks on a white background.

Color Contrast Check

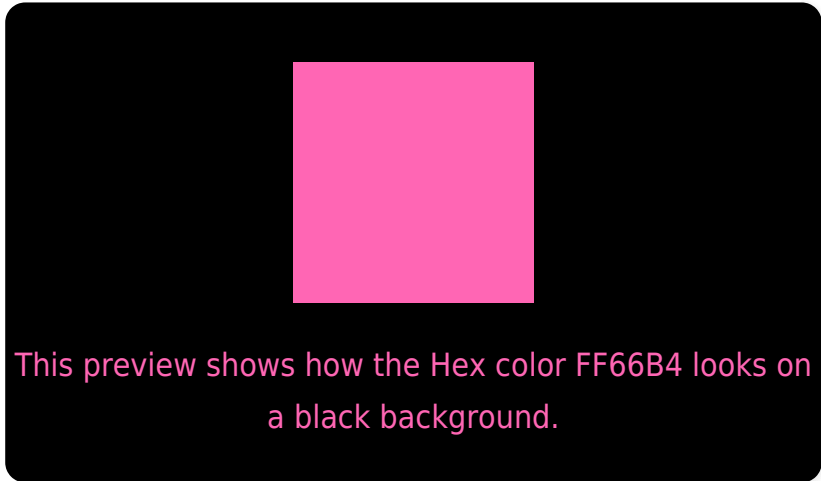
Large Text (above 18pt) WCAG AA × Fail

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 FF66B4 Background



This preview shows how black text looks on a background with the Hex color FF66B4.



This preview shows how white text looks on a background with the Hex color FF66B4.

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
FA737B

Trichromacy



Original Color
FF66B4



Protanomaly
B688CC



Deuteranomaly
C787AF

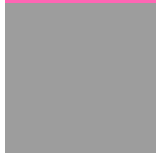


Tritanomaly
FC6E90

Monochromacy



Original Color
FF66B4



Achromatopsia
9D9D9D



Achromatomaly
C189A5

CSS Examples

Text

The CSS property to change the color of the text to Hex FF66B4 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 #FF66B4 looks like.

```
.text, #text, p{  
    color:#FF66B4  
}
```

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 #FF66B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF66B4
}
```

Border

The CSS property to change the border of an element to Hex FF66B4 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
#FF66B4 }
```

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

```
.border{ border-color:#FF66B4 }
```

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

Here you see how a box with a 4 pixel #FF66B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF66B4; -webkit-box-shadow:4px 4px  
4px 4px #FF66B4; box-shadow:4px 4px 4px  
4px #FF66B4 }
```

Background

The CSS property to change the background color of an element to Hex FF66B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF66B4 }
```

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

```
.background{ background-color:#FF66B4 }
```

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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