

Converting Colors

Hex(FF66A4)

Have a look what the booklet for
Hex(FF66A4) contains.

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Color

Hex(F66A4)

Conversions

Conversions Part 1

Format	Color
Hex	FF66A4
RGB	255, 102, 164
RGB Percent	100%, 40%, 64%
CMY	0.0000, 0.6000, 0.3569
CMYK	0.00, 0.60, 0.36, 0.00
HSL	336°, 100%, 70%
HSV	336°, 60%, 100%
XYZ	52.6922, 33.4431, 38.7999
YIQ	154.8150, 71.2860, 51.7180

Conversions

Conversions Part 2

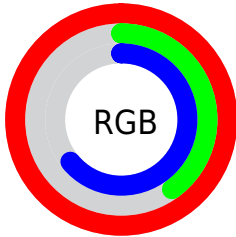
Format	Color
R_{YB}	255, 102, 164
Decimal	16737956
CIE _{Lab}	64.52, 63.68, -2.97
CIE _{LCh}	65, 63.754, 357.331
Yxy	33.4431, 0.4218, 0.2677
Android (android.graphics.Color)	4294928036 (0xFFFF66A4)
YUV	154.8150, 4.5282, 87.8622
Hunter-Lab	57.8300, 61.4391, 0.7015

Details

The Hex color **FF66A4** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **66FFC1**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FF9FDB**, and **C22870** is the 20% darker color. If you saturate the color by 10%, you get **FF4D95**, and if you desaturate by 10%, it is **FF80B3**.

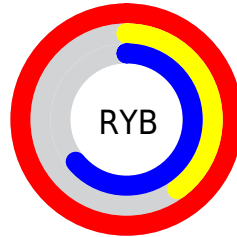
Distribution



Red (100%)

Green (40%)

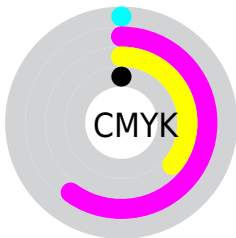
Blue (64%)



Red (100%)

Yellow (40%)

Blue (64%)

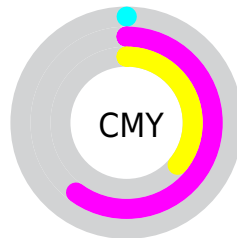


Cyan (0%)

Magenta (60%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (60%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF66A4 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 FF66A4 by changing the saturation by 10% instead.

 FF66A4

 FF66A4

FFFFFF

 E0498A

 FF9FDB

 C22870

 FFBCF7

 A40058

 FFD9FF

 870041

 FFF7FF

 6A002B

 4E0017

 320002

 000000

 FF66A4

 FF66A4

■ FF4D95

■ FF80B3

■ FF3386

■ FF99C2

■ FF1977

■ FFB3D2

■ FF0067

■ FFCCE1

■ FFE6F0

FFFFFF

Harmonies

Analogous

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



DC76DB



FF66A4



FF6C6C

Triad

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



FF66A4



86A82C



00B2FC

Complementary

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



FF66A4



66FFC1

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.



00B7CF



FF66A4



31B25C

Square

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



FF66A4



BE981B



00B795



00A5FF

Rectangle

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



FF66A4



F37A4A



00B795



00B4EF

Sweetspot

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



FF66A4



FFD1E4



BF66FF



80636F



000000



808080

Same Dimension

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



FF66A4



FF4792



FF7366



807378



BF004E



40001A

Inverse Universe

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



FF66A4



FF4792



66F2FF



807378



BF004D



40001A

Previews

White Background



This preview shows how the Hex color FF66A4 looks on a white background.

Color Contrast Check

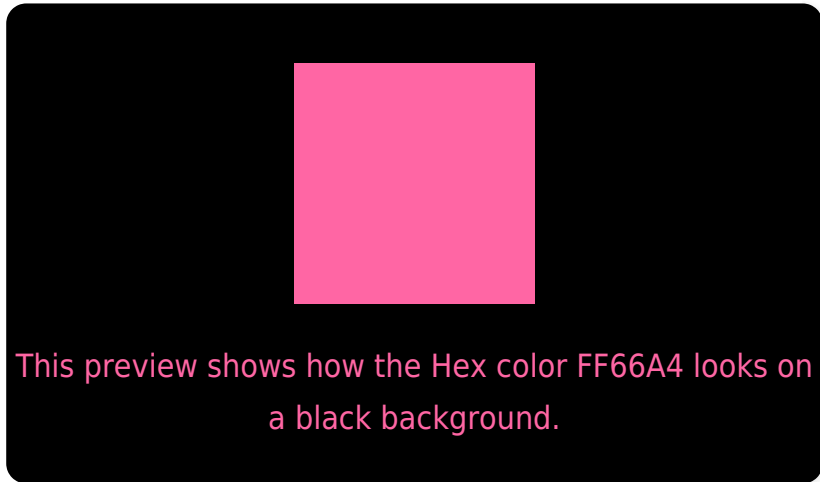
Large Text (above 18pt) WCAG AA × Fail

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 FF66A4 Background



This preview shows how black text looks on a background with the Hex color FF66A4.



This preview shows how white text looks on a background with the Hex color FF66A4.

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
FC6F77

Trichromacy



Original Color
FF66A4



Protanomaly
BA88BA



Deuteranomaly
CA869F



Tritanomaly
FD6C87

Monochromacy



Original Color
FF66A4



Achromatopsia
9B9B9B



Achromatomaly
BF889E

CSS Examples

Text

The CSS property to change the color of the text to Hex FF66A4 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 #FF66A4 looks like.

```
.text, #text, p{  
    color:#FF66A4  
}
```

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 #FF66A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF66A4
}
```

Border

The CSS property to change the border of an element to Hex FF66A4 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
#FF66A4 }
```

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

```
.border{ border-color:#FF66A4 }
```

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

Here you see how a box with a 4 pixel #FF66A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF66A4; -webkit-box-shadow:4px 4px  
4px 4px #FF66A4; box-shadow:4px 4px 4px  
4px #FF66A4 }
```

Background

The CSS property to change the background color of an element to Hex FF66A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF66A4 }
```

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

```
.background{ background-color:#FF66A4 }
```

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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