

Converting Colors

Hex(FF66A8)

Have a look what the booklet for
Hex(FF66A8) contains.

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Color

Hex(F66A8)

Conversions

Conversions Part 1

Format	Color
Hex	FF66A8
RGB	255, 102, 168
RGB Percent	100%, 40%, 66%
CMY	0.0000, 0.6000, 0.3412
CMYK	0.00, 0.60, 0.34, 0.00
HSL	334°, 100%, 70%
HSV	334°, 60%, 100%
XYZ	53.0593, 33.5899, 40.7328
YIQ	155.2710, 70.0020, 52.9620

Conversions

Conversions Part 2

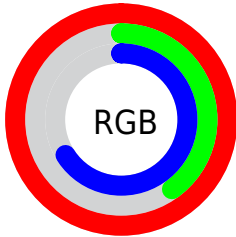
Format	Color
R_{YB}	255, 102, 168
Decimal	16737960
CIE _{Lab}	64.64, 64.13, -5.08
CIE _{LCh}	65, 64.330, 355.469
Yxy	33.5899, 0.4165, 0.2637
Android (android.graphics.Color)	4294928040 (0xFFFF66A8)
YUV	155.2710, 6.2754, 87.4623
Hunter-Lab	57.9568, 61.9918, -1.1000

Details

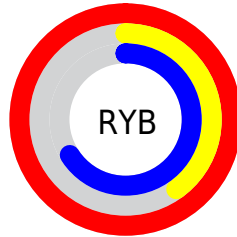
The Hex color **FF66A8** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **66FFBD**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FF9FDF**, and **C22874** is the 20% darker color. If you saturate the color by 10%, you get **FF4D9A**, and if you desaturate by 10%, it is **FF80B7**.

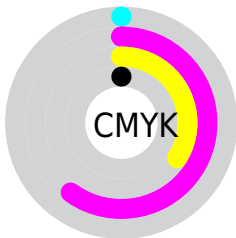
Distribution



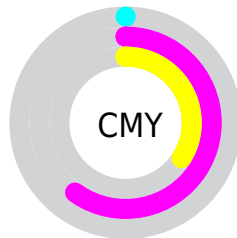
- Red (100%)
- Green (40%)
- Blue (66%)



- Red (100%)
- Yellow (40%)
- Blue (66%)



- Cyan (0%)
- Magenta (60%)
- Yellow (34%)
- Black (0%)



- Cyan (0%)
- Magenta (60%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF66A8 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 FF66A8 by changing the saturation by 10% instead.

 FF66A8

 FF66A8

FFFFFF

 E0498E

 FF9FDF

 C22874

 FFBCFC

 A4005C

 FFD9FF

 870044

 FFF7FF

 6A002E

 4E001A

 330002

 000000

 FF66A8

 FF66A8

 FF4D9A

 FF80B7

 FF338B

 FF99C5

 FF197D

 FFB3D4

 FF006E

 FFCCE2

 FFE6F1

FFFFFF

Harmonies

Analogous

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



DA78DF



FF66A8



FF6B6F

Triad

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



FF66A8



8AA828



00B3FB

Complementary

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



FF66A8



66FFBD

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.



00B8CD



FF66A8



39B258

Square

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



FF66A8



C1971A



00B792



00A6FF

Rectangle

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



FF66A8



F6784D



00B792



00B5EE

Sweetspot

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



FF66A8



FFD1E5



BD66FF



806370



000000



808080

Same Dimension

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



FF66A8



FF4797



FF7066



807378



BF0053



40001C

Inverse Universe

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



FF66A8



FF4797



66F5FF



807378



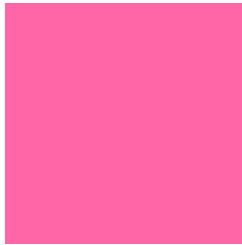
BF0053



40001C

Previews

White Background



This preview shows how the Hex color FF66A8 looks on a white background.

Color Contrast Check

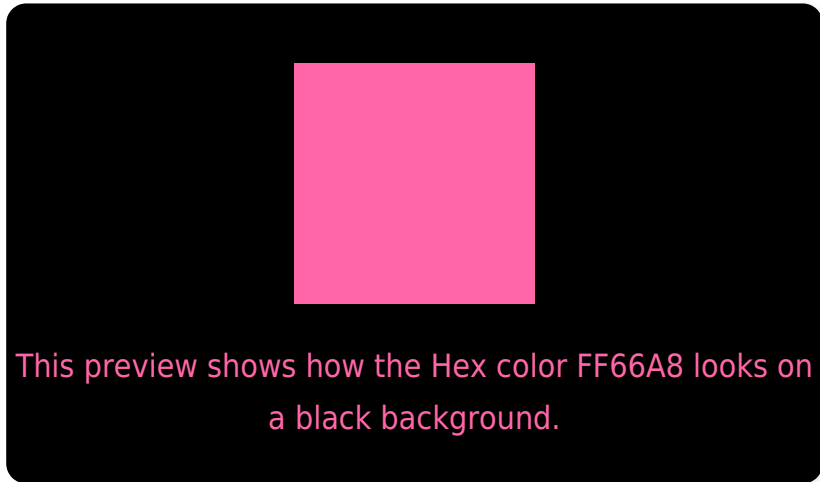
Large Text (above 18pt) WCAG AA × Fail

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 FF66A8 Background



This preview shows how black text looks on a background with the Hex color FF66A8.

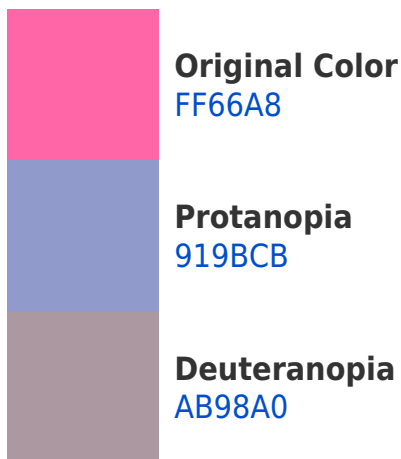


This preview shows how white text looks on a background with the Hex color FF66A8.

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](#).

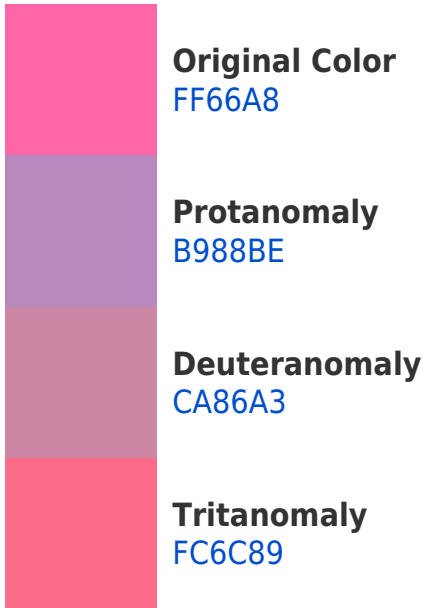
Dichromacy



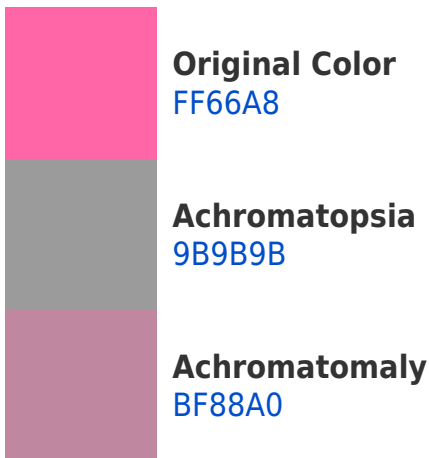


Tritanopia
FB7078

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF66A8 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 #FF66A8 looks like.

```
.text, #text, p{  
    color:#FF66A8  
}
```

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 #FF66A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF66A8
}
```

Border

The CSS property to change the border of an element to Hex FF66A8 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
#FF66A8 }
```

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

```
.border{ border-color:#FF66A8 }
```

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

Here you see how a box with a 4 pixel #FF66A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF66A8; -webkit-box-shadow:4px 4px  
4px 4px #FF66A8; box-shadow:4px 4px 4px  
4px #FF66A8 }
```

Background

The CSS property to change the background color of an element to Hex FF66A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF66A8 }
```

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

```
.background{ background-color:#FF66A8 }
```

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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