

Converting Colors

Hex(FFFF6B)

Have a look what the booklet for
Hex(FFFF6B) contains.

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Color

Hex(FFFF6B)

Conversions

Conversions Part 1

Format	Color
Hex	FFFF6B
RGB	255, 255, 107
RGB Percent	100%, 100%, 42%
CMY	0.0000, 0.0000, 0.5804
CMYK	0.00, 0.00, 0.58, 0.00
HSL	60°, 100%, 71%
HSV	60°, 58%, 100%
XYZ	79.6538, 93.8415, 27.8249
YIQ	238.1280, 47.5080, -46.0280

Conversions

Conversions Part 2

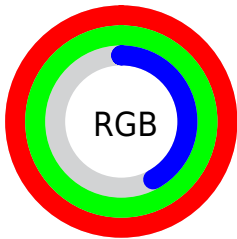
Format	Color
RYB	107, 255, 107
Decimal	16777067
CIELab	97.57, -18.11, 68.89
CIELCh	98, 71.231, 104.732
Yxy	93.8415, 0.3957, 0.4661
Android (android.graphics.Color)	4294967147 (0xFFFFFFFF6B)
YUV	238.1280, -64.6461, 14.7967
Hunter-Lab	96.8718, -22.7523, 50.7802

Details

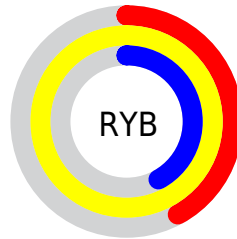
The Hex color **FFFF6B** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **6B6BFF**, and the grayscale version is **EFEFEF**.

A 20% lighter version of the original color is **FFFA3**, and **C3C631** is the 20% darker color. If you saturate the color by 10%, you get **FFFF52**, and if you desaturate by 10%, it is **FFFF85**.

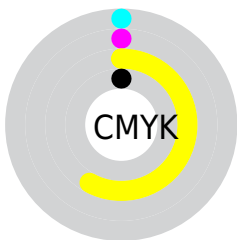
Distribution



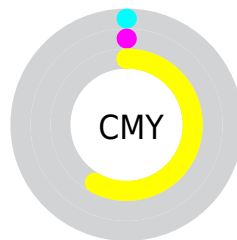
- Red (100%)
- Green (100%)
- Blue (42%)



- Red (42%)
- Yellow (100%)
- Blue (42%)



- Cyan (0%)
- Magenta (0%)
- Yellow (58%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFFF6B 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 FFFF6B by changing the saturation by 10% instead.

 FFFF6B

 FFFF6B

FFFFFF

 E1E24F

 FFFFA3

 C3C631

 FFFFC0

 A6AB06

 FFFFDD

 8A9100

 FFFFFA

 6E7700

 535F00

 384700

 1E3100

 001D00

 FFFF6B

 FFFF6B

 FFFF52

 FFFF85

 FFFF38

 FFFF9E

 FFFF1F

 FFFFB8

 FFFF05

 FFFF D1

 FFFF00

 FFFFEB

FFFFFF

Harmonies

Analogous

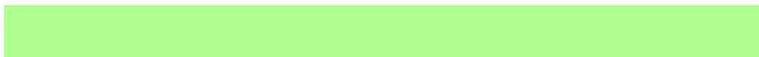
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE86F



FFFF6B



B1FF91

Triad

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



FFFF6B



00FFFF



FFC1FF

Complementary

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



FFFF6B



6B6BFF

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.



FFD8FF



FFFF6B



00FFFF

Square

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



FFFF6B



00FFFF



BFF4FF



FBDD8

Rectangle

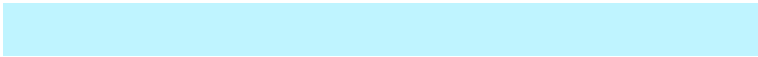
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFFF6B



6AFFBA



BFF4FF



FFC7FF

Sweetspot

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



FFFF6B



FFFFD4



FF6B6B



808066



000000



808080

Same Dimension

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



FFFF6B



FFFF4D



B5FF6B



808073



BFBF00



404000

Inverse Universe

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



6B6BFF



4D4DFF



B56BFF



737380



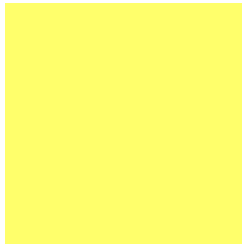
0000BF



000040

Previews

White Background



This preview shows how the Hex color FFFF6B looks on a white background.

Color Contrast Check

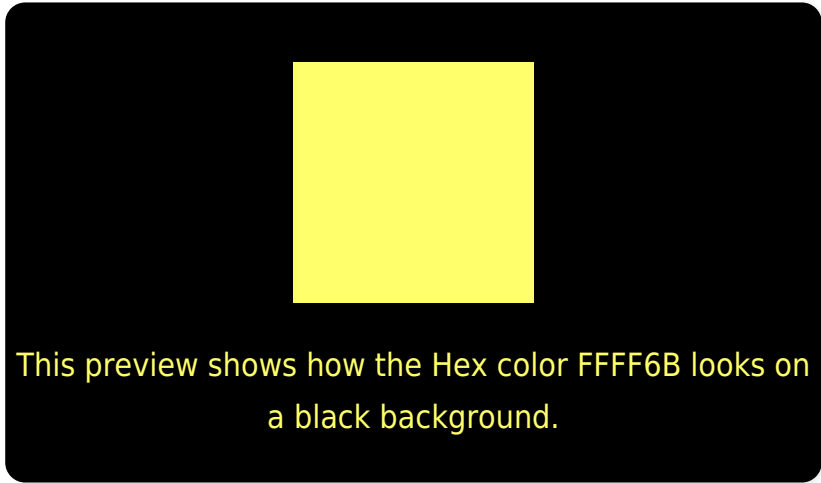
Large Text (above 18pt) WCAG AA × Fail

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 FFFF6B Background



This preview shows how black text looks on a background with the Hex color FFFF6B.

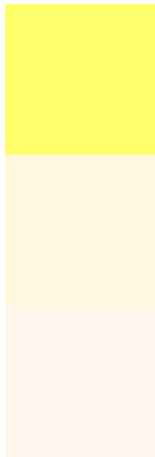


This preview shows how white text looks on a background with the Hex color FFFF6B.

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



Original Color
FFFF6B

Protanopia
FFF8DF

Deuteranopia
FFF7ED

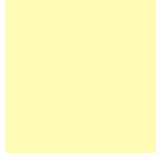


Tritanopia
FFF5FB

Trichromacy



Original Color
FFFF6B



Protanomaly
FFFB5

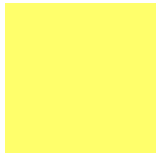


Deuteranomaly
FFFABE

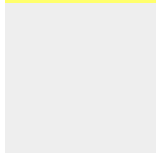


Tritanomaly
FFF9C7

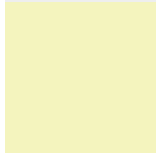
Monochromacy



Original Color
FFFF6B



Achromatopsia
EEEEEE



Achromatomaly
F4F4BE

CSS Examples

Text

The CSS property to change the color of the text to Hex FFFF6B 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 #FFFF6B looks like.

```
.text, #text, p{  
    color:#FFFF6B  
}
```

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 #FFFF6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFFF6B
}
```

Border

The CSS property to change the border of an element to Hex FFFF6B 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
#FFFF6B }
```

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

```
.border{ border-color:#FFFF6B }
```

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

Here you see how a box with a 4 pixel #FFFF6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFFF6B; -webkit-box-shadow:4px 4px  
4px 4px #FFFF6B; box-shadow:4px 4px 4px  
4px #FFFF6B }
```

Background

The CSS property to change the background color of an element to Hex FFFF6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFFF6B }
```

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

```
.background{ background-color:#FFFF6B }
```

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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