

Converting Colors

Hex(FFF266)

Have a look what the booklet for
Hex(FFF266) contains.

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Color

Hex(FFF266)

Conversions

Conversions Part 1

Format	Color
Hex	FFF266
RGB	255, 242, 102
RGB Percent	100%, 95%, 40%
CMY	0.0000, 0.0510, 0.6000
CMYK	0.00, 0.05, 0.60, 0.00
HSL	55°, 100%, 70%
HSV	55°, 60%, 100%
XYZ	75.3904, 85.7236, 25.1432
YIQ	229.9270, 52.6880, -40.7840

Conversions

Conversions Part 2

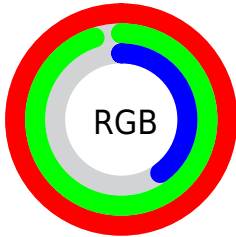
Format	Color
R _Y B	116, 255, 102
Decimal	16773734
CIE Lab	94.19, -12.14, 67.29
CIE LCh	94, 68.374, 100.224
Yxy	85.7236, 0.4048, 0.4602
Android (android.graphics.Color)	4294963814 (0xFFFFF266)
YUV	229.9270, -63.0680, 21.9890
Hunter-Lab	92.5870, -16.6809, 48.7100

Details

The Hex color **FFF266** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **6673FF**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFF9E**, and **C3BA2C** is the 20% darker color. If you saturate the color by 10%, you get **FFF04D**, and if you desaturate by 10%, it is **FFF480**.

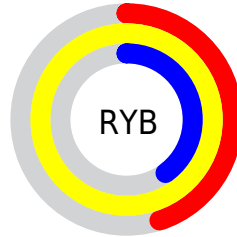
Distribution



Red (100%)

Green (95%)

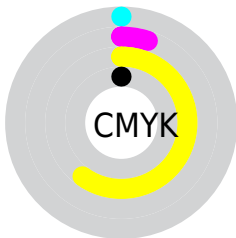
Blue (40%)



Red (45%)

Yellow (100%)

Blue (40%)

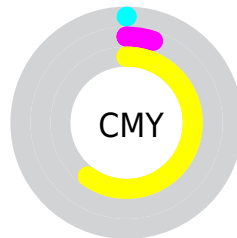


Cyan (0%)

Magenta (5%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFF266 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 FFF266 by changing the saturation by 10% instead.

 FFF266

 FFF266

FFFFFF

 E1D64A

 FFFF9E

 C3BA2C

 FFFFBA

 A69F00

 FFFFD7

 8A8500

 FFFFF4

 6E6C00

 525400

 383D00

 1F2800

 001500

 FFF266

 FFF266

 FFF04D

 FFF480

 FFEE33

 FFF699

 FFEB19

 FFF9B3

 FFE900

 FFFBCC

 FFFDE6

FFFFFF

Harmonies

Analogous

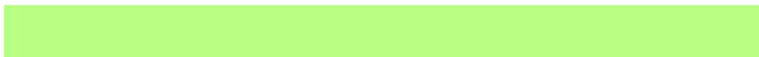
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDB70



FFF266



B7FF85

Triad

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



FFF266



00FFFF



FFBDFD

Complementary

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



FFF266



6673FF

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.



FFD4FF



FFF266



00FFFF

Square

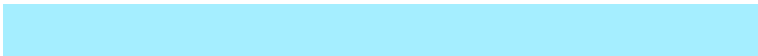
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFF266



00FFFF



A5EEFF



FFB6DA

Rectangle

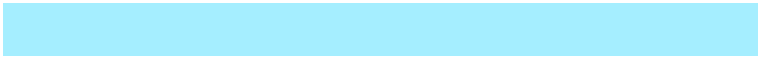
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFF266



7AFFAA



A5EEFF



FFC3FF

Sweetspot

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



FFF266



FFFBD1



FF6675



807D63



000000



808080

Same Dimension

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



FFF266



FFEF47



C2FF66



807E73



BFAF00



403A00

Inverse Universe

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



6673FF



4757FF



A366FF



737480



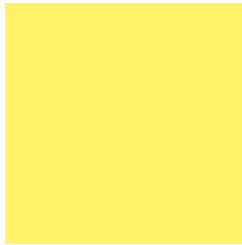
0010BF



000540

Previews

White Background



This preview shows how the Hex color FFF266 looks on a white background.

Color Contrast Check

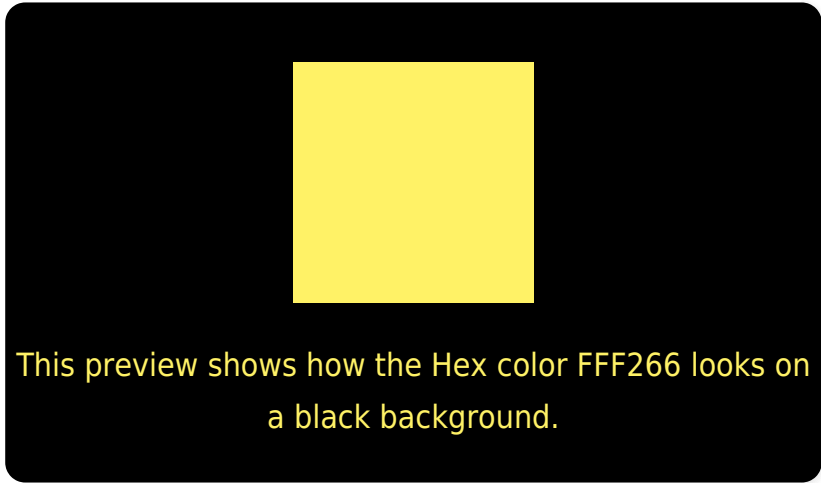
Large Text (above 18pt) WCAG AA × Fail

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 FFF266 Background



This preview shows how black text looks on a background with the Hex color FFF266.

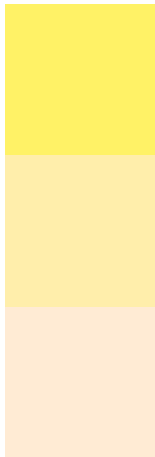


This preview shows how white text looks on a background with the Hex color FFF266.

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
FFF266

Protanopia
FFEEAB

Deuteranopia
FFEBD4



Tritanopia
FFE8F2

Trichromacy



Original Color
FFF266



Protanomaly
FFEF92



Deuteranomaly
FFEEAC

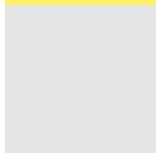


Tritanomaly
FFECBF

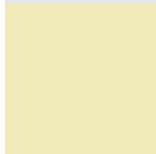
Monochromacy



Original Color
FFF266



Achromatopsia
E6E6E6



Achromatomaly
EFEAB7

CSS Examples

Text

The CSS property to change the color of the text to Hex FFF266 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 #FFF266 looks like.

```
.text, #text, p{  
    color:#FFF266  
}
```

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 #FFF266 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFF266
}
```

Border

The CSS property to change the border of an element to Hex FFF266 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
#FFF266 }
```

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

```
.border{ border-color:#FFF266 }
```

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

Here you see how a box with a 4 pixel #FFF266 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFF266; -webkit-box-shadow:4px 4px  
4px 4px #FFF266; box-shadow:4px 4px 4px  
4px #FFF266 }
```

Background

The CSS property to change the background color of an element to Hex FFF266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFF266 }
```

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

```
.background{ background-color:#FFF266 }
```

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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