

Converting Colors

Hex(FFF270)

Have a look what the booklet for
Hex(FFF270) contains.

Hex(FFF270)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FFF270)

Conversions

Conversions Part 1

Format	Color
Hex	FFF270
RGB	255, 242, 112
RGB Percent	100%, 95%, 44%
CMY	0.0000, 0.0510, 0.5608
CMYK	0.00, 0.05, 0.56, 0.00
HSL	55°, 100%, 72%
HSV	55°, 56%, 100%
XYZ	75.9168, 85.9341, 27.9149
YIQ	231.0670, 49.4780, -37.6740

Conversions

Conversions Part 2

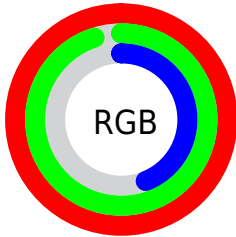
Format	Color
RYB	126, 255, 112
Decimal	16773744
CIELab	94.28, -11.45, 63.09
CIELCh	94, 64.122, 100.286
Yxy	85.9341, 0.4001, 0.4528
Android (android.graphics.Color)	4294963824 (0xFFFFFFFF270)
YUV	231.0670, -58.7000, 20.9892
Hunter-Lab	92.7007, -16.0444, 47.0365

Details

The Hex color **FFF270** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **707DFF**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **FFFA7**, and **C4BA39** is the 20% darker color. If you saturate the color by 10%, you get **FFF057**, and if you desaturate by 10%, it is **FFF48A**.

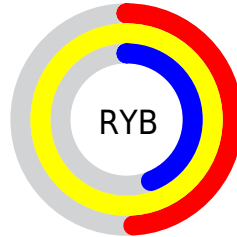
Distribution



Red (100%)

Green (95%)

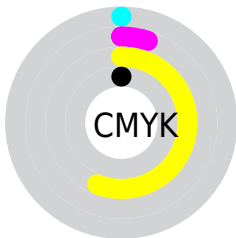
Blue (44%)



Red (49%)

Yellow (100%)

Blue (44%)

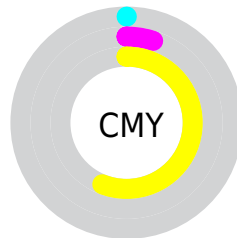


Cyan (0%)

Magenta (5%)

Yellow (56%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFF270 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 FFF270 by changing the saturation by 10% instead.

 FFF270

 FFF270

FFFFFF

 E1D655

 FFFFA7

 C4BA39

 FFFFC4

 A79F19

 FFFFEO

 8A8500

FFFFFFE

 6E6C00

 545400

 393D00

 202800

 001400

 FFF270

 FFF270

 FFF057

 FFF48A

 FFED3D

 FFF7A3

 FFE823

 FFF9BD

 FFE90A

 FFFBD6

 FFE800

 FFFEFO

FFFFFF

Harmonies

Analogous

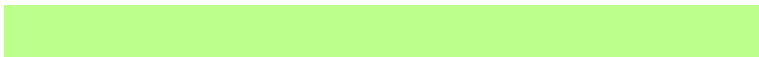
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDD79



FFF270



BCFF8D

Triad

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



FFF270



00FFFF



FFC1FF

Complementary

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



FFF270



707DFF

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.



FFD6FF



FFF270



00FFFF

Square

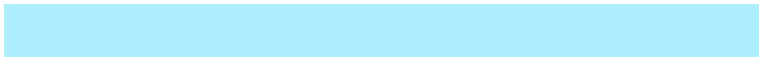
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFF270



00FFFF



ADEEFF



FFBDBD

Rectangle

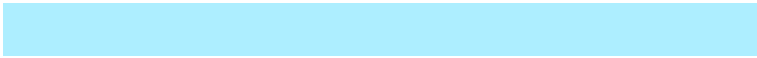
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFF270



84FFAF



ADEEFF



FFC7FF

Sweetspot

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



FFF270



FFFBD4



FF707E



807D66



000000



808080

Same Dimension

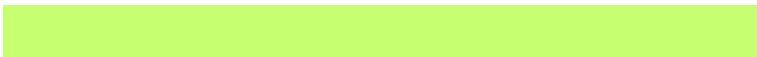
The Same Dimension uses a secret algorithm to generate beautiful new colors.



FFF270



FFEF54



C6FF70



807E73



BFAE00



403A00

Inverse Universe

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



707DFF



5464FF



A970FF



737480



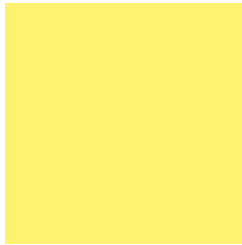
0011BF



000640

Previews

White Background



This preview shows how the Hex color FFF270 looks on a white background.

Color Contrast Check

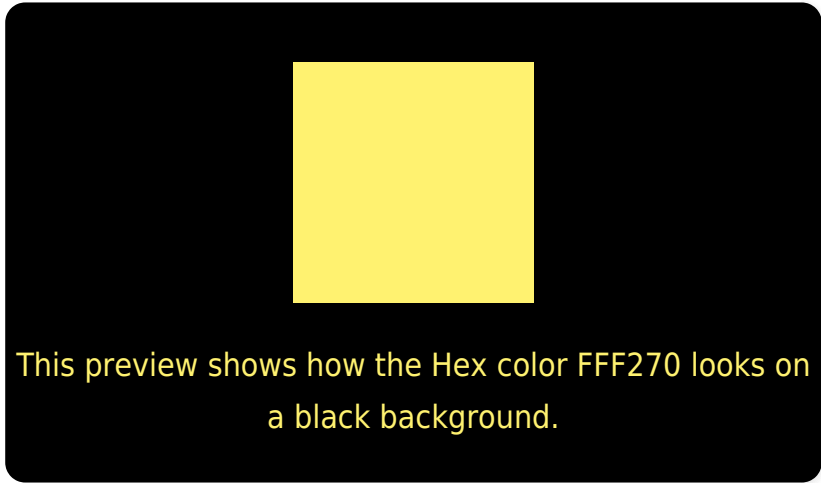
Large Text (above 18pt) WCAG AA × Fail

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 FFF270 Background



This preview shows how black text looks on a background with the Hex color FFF270.

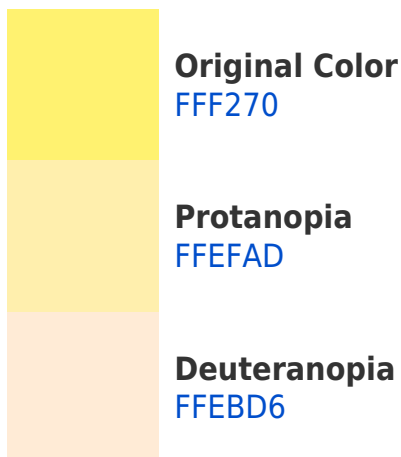


This preview shows how white text looks on a background with the Hex color FFF270.

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
FFE9F2

Trichromacy



Original Color
FFF270



Protanomaly
FFF097



Deuteranomaly
FFEEB1

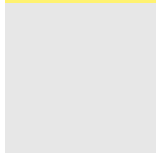


Tritanomaly
FFECC3

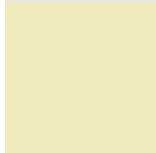
Monochromacy



Original Color
FFF270



Achromatopsia
E7E7E7



Achromatomaly
F0EBBC

CSS Examples

Text

The CSS property to change the color of the text to Hex FFF270 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 #FFF270 looks like.

```
.text, #text, p{  
    color:#FFF270  
}
```

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 #FFF270 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFF270  
}
```

Border

The CSS property to change the border of an element to Hex FFF270 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  
#FFF270 }
```

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

```
.border{ border-color:#FFF270 }
```

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

Here you see how a box with a 4 pixel #FFF270 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFF270; -webkit-box-shadow:4px 4px  
4px 4px #FFF270; box-shadow:4px 4px 4px  
4px #FFF270 }
```

Background

The CSS property to change the background color of an element to Hex FFF270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFF270 }
```

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

```
.background{ background-color:#FFF270 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor