

Converting Colors

Hex(FFF259)

Have a look what the booklet for
Hex(FFF259) contains.

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Color

Hex(FFF259)

Conversions

Conversions Part 1

Format	Color
Hex	FFF259
RGB	255, 242, 89
RGB Percent	100%, 95%, 35%
CMY	0.0000, 0.0510, 0.6510
CMYK	0.00, 0.05, 0.65, 0.00
HSL	55°, 100%, 67%
HSV	55°, 65%, 100%
XYZ	74.7953, 85.4855, 22.0094
YIQ	228.4450, 56.8610, -44.8270

Conversions

Conversions Part 2

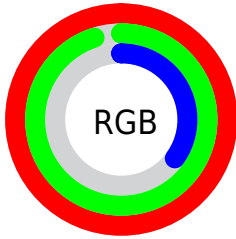
Format	Color
RYB	103, 255, 89
Decimal	16773721
CIELab	94.09, -12.92, 72.44
CIELCh	94, 73.580, 100.111
Yxy	85.4855, 0.4103, 0.4690
Android (android.graphics.Color)	4294963801 (0xFFFFF259)
YUV	228.4450, -68.7464, 23.2887
Hunter-Lab	92.4584, -17.4025, 50.6071

Details

The Hex color **FFF259** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **5966FF**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFF92**, and **C3BA17** is the 20% darker color. If you saturate the color by 10%, you get **FFF040**, and if you desaturate by 10%, it is **FFF473**.

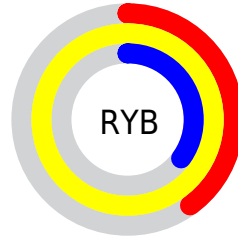
Distribution



Red (100%)

Green (95%)

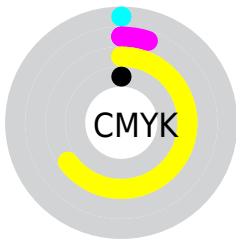
Blue (35%)



Red (40%)

Yellow (100%)

Blue (35%)

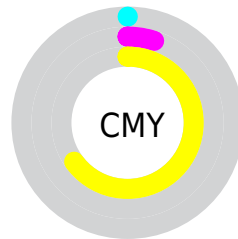


Cyan (0%)

Magenta (5%)

Yellow (65%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFF259 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 FFF259 by changing the saturation by 10% instead.

 FFF259

 FFF259

FFFFFF

 E1D63B

 FFFF92

 C3BA17

 FFFF92

 A69F00

 FFFF92

 898500

 FFFF92

 6D6C00

 515400

 363D00

 1D2800

 001500

 FFF259

 FFF259

 FFF040

 FFF473

 FFEE26

 FFF68C

 FFEC0D

 FFF8A6

 FFEB00

 FFFABF

 FFFCD9

 FFFEF2

FFFFFF

Harmonies

Analogous

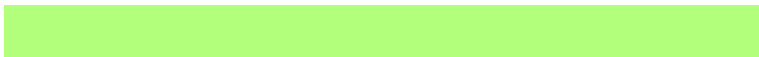
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD965



FFF259



B2FF7C

Triad

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



FFF259



00FFFF



FFB7FF

Complementary

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



FFF259



5966FF

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.



FFD1FF



FFF259



00FFFF

Square

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



FFF259



00FFFF



98EEFF



FFAFD9

Rectangle

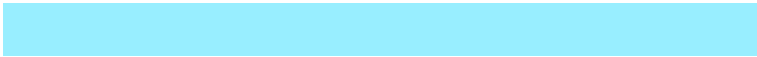
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFF259



6CFFA4



98EEFF



FFBFFF

Sweetspot

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



FFF259



FFFBCC



FF5967



807D61



000000



808080

Same Dimension

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



FFF259



FFEF38



BAFF59



807F73



BFB000



403B00

Inverse Universe

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



5966FF



3848FF



9E59FF



737480



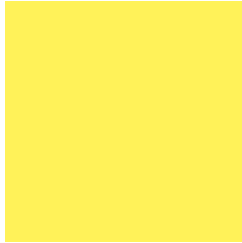
000FBF



000540

Previews

White Background



This preview shows how the Hex color FFF259 looks on a white background.

Color Contrast Check

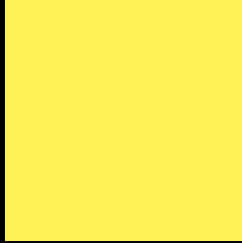
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color FFF259 looks on a 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 FFF259 Background



This preview shows how black text looks on a background with the Hex color FFF259.

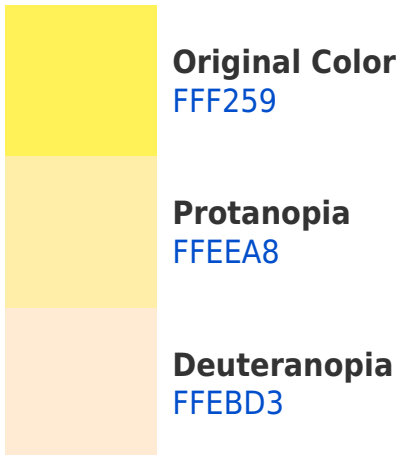


This preview shows how white text looks on a background with the Hex color FFF259.

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
FFE8F1

Trichromacy



Original Color
FFF259



Protanomaly
FFEF8B



Deuteranomaly
FFEEA7

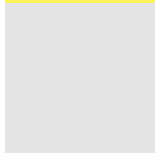


Tritanomaly
FFECBA

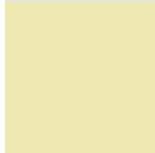
Monochromacy



Original Color
FFF259



Achromatopsia
E4E4E4



Achromatomaly
EEE9B1

CSS Examples

Text

The CSS property to change the color of the text to Hex FFF259 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 #FFF259 looks like.

```
.text, #text, p{  
    color:#FFF259  
}
```

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 #FFF259 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFF259
}
```

Border

The CSS property to change the border of an element to Hex FFF259 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
#FFF259 }
```

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

```
.border{ border-color:#FFF259 }
```

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

Here you see how a box with a 4 pixel #FFF259 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFF259; -webkit-box-shadow:4px 4px  
4px 4px #FFF259; box-shadow:4px 4px 4px  
4px #FFF259 }
```

Background

The CSS property to change the background color of an element to Hex FFF259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFF259 }
```

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

```
.background{ background-color:#FFF259 }
```

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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