

Converting Colors

Hex(F9D939)

Have a look what the booklet for
Hex(F9D939) contains.

Hex(F9D939)	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(F9D939)

Conversions

Conversions Part 1

Format	Color
Hex	F9D939
RGB	249, 217, 57
RGB Percent	98%, 85%, 22%
CMY	0.0235, 0.1490, 0.7765
CMYK	0.00, 0.13, 0.77, 0.02
HSL	50°, 94%, 60%
HSV	50°, 77%, 98%
XYZ	64.6183, 70.0609, 13.9882
YIQ	208.3280, 70.4320, -42.9760

Conversions

Conversions Part 2

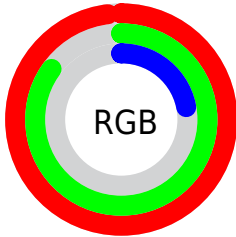
Format	Color
R _Y B	95, 249, 57
Decimal	16374073
CIE Lab	87.03, -4.43, 76.72
CIE LCh	87, 76.843, 93.304
Yxy	70.0609, 0.4347, 0.4713
Android (android.graphics.Color)	4294564153 (0xFFFF9D939)
YUV	208.3280, -74.6047, 35.6693
Hunter-Lab	83.7024, -8.6770, 48.6832

Details

The Hex color **F9D939** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **3959F9**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFF74**, and **BCA300** is the 20% darker color. If you saturate the color by 10%, you get **F9D520**, and if you desaturate by 10%, it is **F9DD52**.

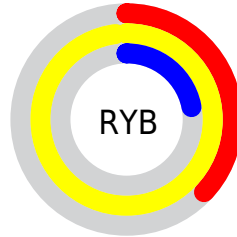
Distribution



Red (98%)

Green (85%)

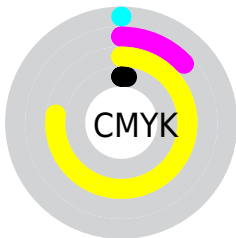
Blue (22%)



Red (37%)

Yellow (98%)

Blue (22%)

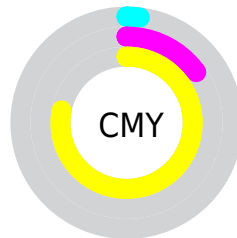


Cyan (0%)

Magenta (13%)

Yellow (77%)

Black (2%)



Cyan (2%)

Magenta (15%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color F9D939 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 F9D939 by changing the saturation by 10% instead.

 F9D939

 F9D939

FFFFFF

 DABD11

 FFFF74

 BCA300

 FFFF91

 9F8900

 FFFFAD

 826F00

 FFFFCA

 655700

 FFFF E8

 4A4000

 302B00

 171700

 000000

 F9D939

 F9D939

 F9D520

 F9DD52

 F9D107

 F9E16B

 F9D000

 F9E584

 F9EA9D

 F9EEB5

 F9F2CE

 F9F6E7

 F9FAFF

 F9FEFF

Harmonies

Analogous

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



FFBE54



F9D939



AEED57

Triad

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



F9D939



00FCFF



FFA5FF

Complementary

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



F9D939



3959F9

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.



E7C3FF



F9D939



00F3FF

Square

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



F9D939



00FDE0



30E0FF



FF96D5

Rectangle

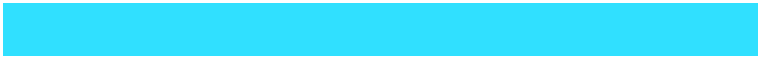
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F9D939



6BF57E



30E0FF



FFAEFF

Sweetspot

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



F9D939



FFF5C4



F93959



807A5C



000000



808080

Same Dimension

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



F9D939



FFD712



B9F939



7D7B70



BD9D00



3D3300

Inverse Universe

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



3959F9



1239FF



7939F9



70737D



001FBD



000A3D

Previews

White Background



This preview shows how the Hex color F9D939 looks on a white background.

Color Contrast Check

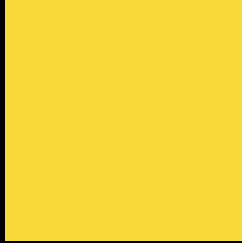
Large Text (above 18pt) WCAG AA × Fail

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 F9D939 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 F9D939 Background



This preview shows how black text looks on a background with the Hex color F9D939.



This preview shows how white text looks on a background with the Hex color F9D939.

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

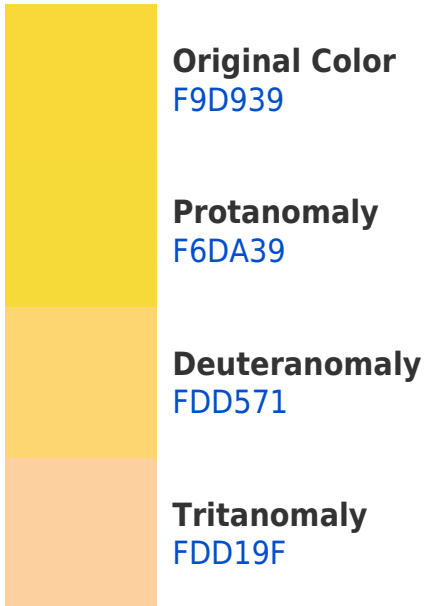


Original Color
F9D939

Protanopia
F5DB39

Deuteranopia
FFD391

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F9D939 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 #F9D939 looks like.

```
.text, #text, p{  
    color:#F9D939  
}
```

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 #F9D939 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9D939
}
```

Border

The CSS property to change the border of an element to Hex F9D939 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
#F9D939 }
```

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

```
.border{ border-color:#F9D939 }
```

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

Here you see how a box with a 4 pixel #F9D939 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9D939; -webkit-box-shadow:4px 4px  
4px 4px #F9D939; box-shadow:4px 4px 4px  
4px #F9D939 }
```

Background

The CSS property to change the background color of an element to Hex F9D939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9D939 }
```

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

```
.background{ background-color:#F9D939 }
```

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