

Converting Colors

Hex(F9D73A)

Have a look what the booklet for
Hex(F9D73A) contains.

Hex(F9D73A)	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(F9D73A)

Conversions

Conversions Part 1

Format	Color
Hex	F9D73A
RGB	249, 215, 58
RGB Percent	98%, 84%, 23%
CMY	0.0235, 0.1569, 0.7725
CMYK	0.00, 0.14, 0.77, 0.02
HSL	49°, 94%, 60%
HSV	49°, 77%, 98%
XYZ	64.1311, 69.0461, 13.9501
YIQ	207.2680, 70.6610, -41.6190

Conversions

Conversions Part 2

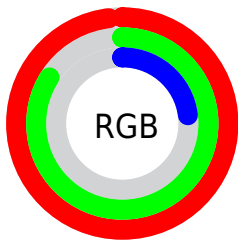
Format	Color
R _Y B	99, 249, 58
Decimal	16373562
CIE Lab	86.53, -3.38, 75.95
CIE LCh	87, 76.020, 92.550
Yxy	69.0461, 0.4359, 0.4693
Android (android.graphics.Color)	4294563642 (0xFFFF9D73A)
YUV	207.2680, -73.5891, 36.5990
Hunter-Lab	83.0940, -7.6500, 48.2119

Details

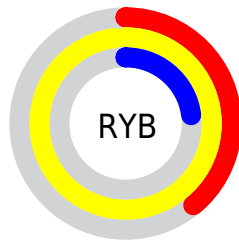
The Hex color **F9D73A** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **3A5CF9**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFF75**, and **BCA100** is the 20% darker color. If you saturate the color by 10%, you get **F9D321**, and if you desaturate by 10%, it is **F9DB53**.

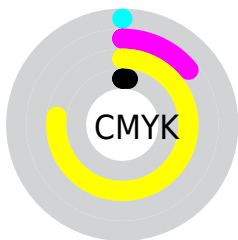
Distribution



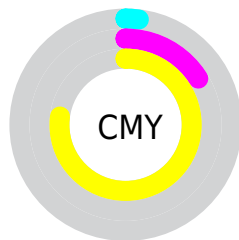
- Red (98%)
- Green (84%)
- Blue (23%)



- Red (39%)
- Yellow (98%)
- Blue (23%)



- Cyan (0%)
- Magenta (14%)
- Yellow (77%)
- Black (2%)



- Cyan (2%)
- Magenta (16%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color F9D73A 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 F9D73A by changing the saturation by 10% instead.

 F9D73A

 F9D73A

FFFFFF

 DABB13

 FFFF75

 BCA100

 FFFF91

 9F8700

 FFFFAE

 826E00

 FFFF CB

 655600

 FFFF E8

 4A3F00

 302900

 171500

 000000

 F9D73A

 F9D73A

 F9D321

 F9DB53

 F9CE08

 F9E06C

 F9CD00

 F9E485

 F9E99E

 F9EDB7

 F9F2CF

 F9F6E8

 F9FAFF

 F9FFFF

Harmonies

Analogous

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



FFBC56



F9D73A



AFE856

Triad

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



F9D73A



00FAFF



FFA5FF

Complementary

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



F9D73A



3A5CF9

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.



E2C3FF



F9D73A



00F1FF

Square

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



F9D73A



00FBDD



26DFFF



FF95D5

Rectangle

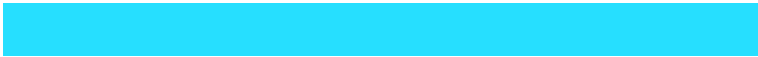
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F9D73A



6EF37C



26DFFF



FFAEFF

Sweetspot

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



F9D73A



FFF5C4



F93A5D



80795C



000000



808080

Same Dimension

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



F9D73A



FFD514



BDF93A



7D7B70



BD9B00



3D3200

Inverse Universe

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



3A5CF9



143EFF



763AF9



70737D



0022BD



000B3D

Previews

White Background



This preview shows how the Hex color F9D73A looks on a white background.

Color Contrast Check

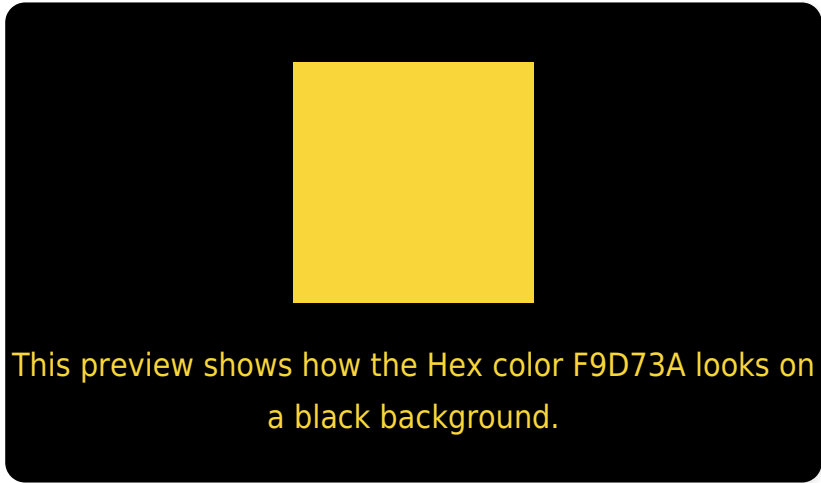
Large Text (above 18pt) WCAG AA × Fail

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 F9D73A Background



This preview shows how black text looks on a background with the Hex color F9D73A.

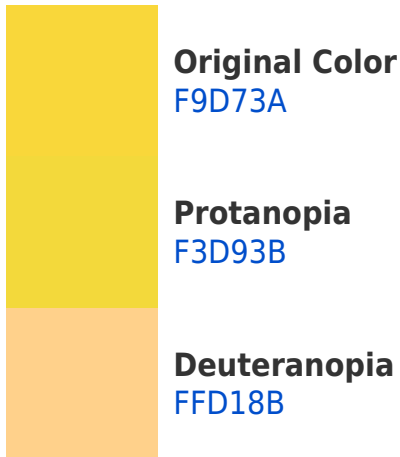


This preview shows how white text looks on a background with the Hex color F9D73A.

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](#).

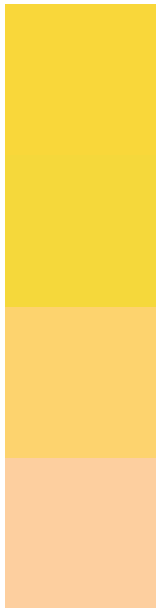
Dichromacy





Tritanopia
FFCBD8

Trichromacy



Original Color
F9D73A

Protanomaly
F5D83B

Deuteranomaly
FDD36E

Tritanomaly
FDCF9F

Monochromacy



Original Color
F9D73A

Achromatopsia
CFCFCF

Achromatomaly
DED299

CSS Examples

Text

The CSS property to change the color of the text to Hex F9D73A 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 #F9D73A looks like.

```
.text, #text, p{  
    color:#F9D73A  
}
```

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 #F9D73A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9D73A
}
```

Border

The CSS property to change the border of an element to Hex F9D73A 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
#F9D73A }
```

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

```
.border{ border-color:#F9D73A }
```

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

Here you see how a box with a 4 pixel #F9D73A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9D73A; -webkit-box-shadow:4px 4px  
4px 4px #F9D73A; box-shadow:4px 4px 4px  
4px #F9D73A }
```

Background

The CSS property to change the background color of an element to Hex F9D73A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9D73A }
```

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

```
.background{ background-color:#F9D73A }
```

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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