

# Converting Colors

Hex(F1D941)

Have a look what the booklet for  
Hex(F1D941) contains.

<b>Hex(F1D941)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(F1D941)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1D941
RGB	241, 217, 65
RGB Percent	95%, 85%, 25%
CMY	0.0549, 0.1490, 0.7451
CMYK	0.00, 0.10, 0.73, 0.05
HSL	52°, 86%, 60%
HSV	52°, 73%, 95%
XYZ	62.0426, 68.7081, 14.9930
YIQ	206.8480, 63.0960, -42.1840

# Conversions

## Conversions Part 2

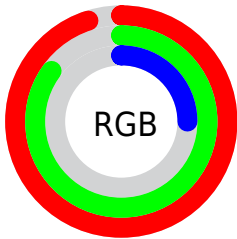
Format	Color
R <sub>Y</sub> B	93, 241, 65
Decimal	15849793
CIE Lab	86.36, -7.47, 73.20
CIE LCh	86, 73.584, 95.829
Yxy	68.7081, 0.4257, 0.4714
Android (android.graphics.Color)	4294039873 (0xFFFF1D941)
YUV	206.8480, -69.9311, 29.9513
Hunter-Lab	82.8904, -11.4527, 47.2990

# Details

The Hex color **F1D941** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **4159F1**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFF7A**, and **B5A300** is the 20% darker color. If you saturate the color by 10%, you get **F1D629**, and if you desaturate by 10%, it is **F1DC59**.

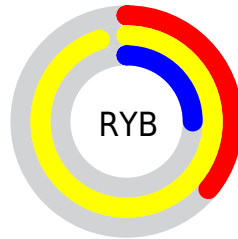
# Distribution



Red (95%)

Green (85%)

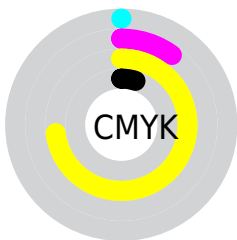
Blue (25%)



Red (36%)

Yellow (95%)

Blue (25%)

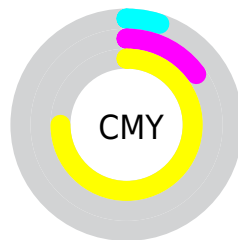


Cyan (0%)

Magenta (10%)

Yellow (73%)

Black (5%)



Cyan (5%)

Magenta (15%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F1D941 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 F1D941 by changing the saturation by 10% instead.



 F1D941

 F1D941

FFFFFF

 D3BD1F

 FFFF7A

 B5A300

 FFFF97

 988900

 FFFFB3

 7B6F00

 FFFF00

 5F5700

 FFFFEE

 444000

 2A2B00

 0F1700

 000000

 F1D941

 F1D941

 F1D629

 F1DC59

 F1D211

 F1E071

 F1D000

 F1E389

 F1E6A1

 F1E9BA

 F1EDD2

 F1F0EA

 F1F3FF

 F1F7FF

# Harmonies

## Analogous

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



FFC056



F1D941



A8EB60

# Triad

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



F1D941



00F8FF



FFA4FF

# Complementary

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



F1D941



4159F1

# 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.



EDC0FF



F1D941



00EEFF

# Square

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



F1D941



00FAE4



5EDBFF



FF98CD

# Rectangle

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



F1D941



66F386



5EDBFF



FFACFF



# Sweetspot

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



F1D941



FFF7C7



F1415B



807B5E



000000



808080



# Same Dimension

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



F1D941



FFE01F



B3F141



78766C



B89F00



383000



# Inverse Universe

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



4159F1



1F3DFF



7F41F1



6C6D78



0019B8



000838



# Previews

## White Background



This preview shows how the Hex color F1D941 looks on a white background.

## Color Contrast Check

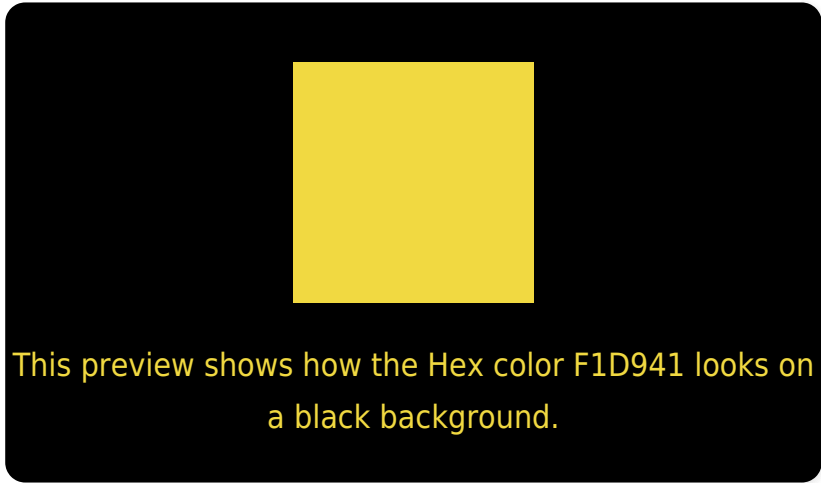
Large Text (above 18pt) WCAG AA × Fail

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 F1D941 Background



This preview shows how black text looks on a background with the Hex color F1D941.



This preview shows how white text looks on a background with the Hex color F1D941.

# 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



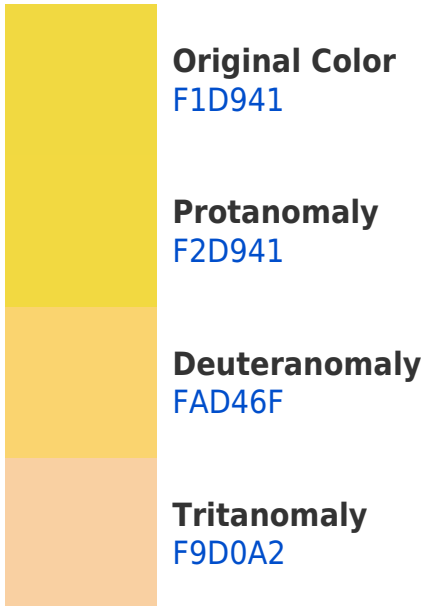
**Original Color**  
F1D941

**Protanopia**  
F2D941

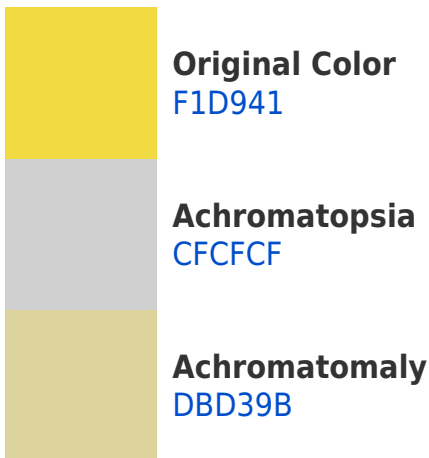
**Deuteranopia**  
FFD189



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F1D941 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 #F1D941 looks like.

```
.text, #text, p{  
    color:#F1D941  
}
```

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 #F1D941 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F1D941
}
```

## Border

The CSS property to change the border of an element to Hex F1D941 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
#F1D941 }
```

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

```
.border{ border-color:#F1D941 }
```

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

Here you see how a box with a 4 pixel #F1D941 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F1D941; -webkit-box-shadow:4px 4px  
4px 4px #F1D941; box-shadow:4px 4px 4px  
4px #F1D941 }
```

# Background

The CSS property to change the background color of an element to Hex F1D941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F1D941 }
```

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

```
.background{ background-color:#F1D941 }
```

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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