

# Converting Colors

Hex(F1D723)

Have a look what the booklet for  
Hex(F1D723) contains.

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**Color**

**Hex(F1D723)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1D723
RGB	241, 215, 35
RGB Percent	95%, 84%, 14%
CMY	0.0549, 0.1569, 0.8627
CMYK	0.00, 0.11, 0.85, 0.05
HSL	52°, 88%, 54%
HSV	52°, 85%, 95%
XYZ	60.8794, 67.4230, 11.3954
YIQ	202.2540, 73.2760, -50.4680

# Conversions

## Conversions Part 2

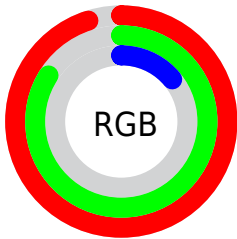
Format	Color
RYB	65, 241, 35
Decimal	15849251
CIELab	85.72, -7.43, 81.12
CIELCh	86, 81.463, 95.235
Yxy	67.4230, 0.4358, 0.4826
Android (android.graphics.Color)	4294039331 (0xFFFF1D723)
YUV	202.2540, -82.4562, 33.9802
Hunter-Lab	82.1115, -11.3510, 49.2498

# Details

The Hex color **F1D723** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **233DF1**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFF65**, and **B4A100** is the 20% darker color. If you saturate the color by 10%, you get **F1D40B**, and if you desaturate by 10%, it is **F1DA3B**.

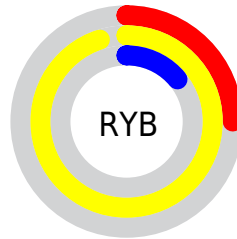
# Distribution



Red (95%)

Green (84%)

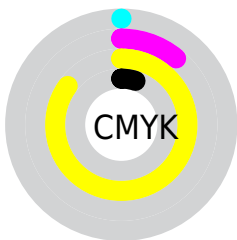
Blue (14%)



Red (25%)

Yellow (95%)

Blue (14%)

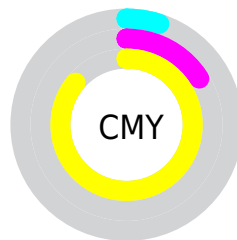


Cyan (0%)

Magenta (11%)

Yellow (85%)

Black (5%)



Cyan (5%)

Magenta (16%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F1D723 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 F1D723 by changing the saturation by 10% instead.



 F1D723

 F1D723

FFFFFF

 D2BB00

 FFFF65

 B4A100

 FFFF82

 978700

 FFFF9F

 7A6E00

 FFFFBC

 5D5600

 FFFFDA

 423F00

 FFFFF7

 292900

 0D1600

 000000

 F1D723

 F1D723

 F1D40B

 F1DA3B

 F1D300

 F1DD53

 F1E06B

 F1E383

 F1E69B

 F1E9B4

 F1ECCC

 F1EFE4

 F1F2FC

# Harmonies

## Analogous

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



FFBA44



F1D723



A1EB4D

# Triad

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



F1D723



00F9FF



FF9BFF

# Complementary

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



F1D723



233DF1

# 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.



EABCFF



F1D723



00EFFF

# Square

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



F1D723



00FBE2



08DBFF



FF8BCC

# Rectangle

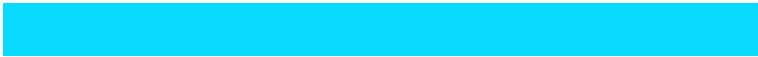
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F1D723



51F379



08DBFF



FFA5FF



# Sweetspot

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



F1D723



FFF7BD



F1233E



807B58



000000



808080



# Same Dimension

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



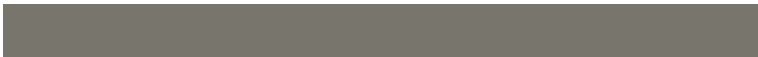
F1D723



FFDF00



A5F123



78766C



B8A000



383100



# Inverse Universe

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



233DF1



0020FF



6F23F1



6C6D78



0017B8



000738



# Previews

## White Background



This preview shows how the Hex color F1D723 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 F1D723 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 F1D723 Background



This preview shows how black text looks on a background with the Hex color F1D723.



This preview shows how white text looks on a background with the Hex color F1D723.

# 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**  
F1D723

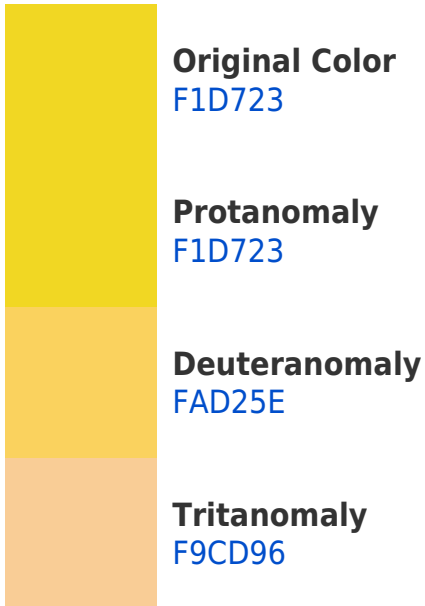
**Protanopia**  
F1D723

**Deuteranopia**  
FFCF7F

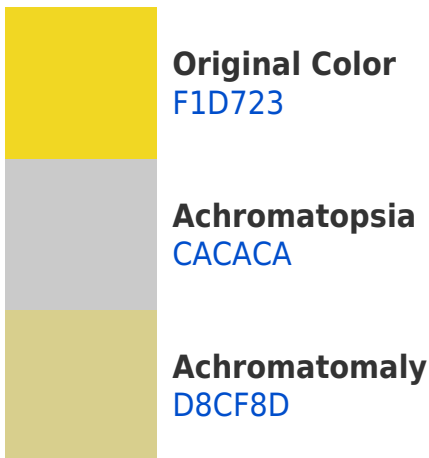


**Tritanopia**  
FDC8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F1D723 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 #F1D723 looks like.

```
.text, #text, p{  
    color:#F1D723  
}
```

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 #F1D723 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F1D723
}
```

## Border

The CSS property to change the border of an element to Hex F1D723 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
#F1D723 }
```

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

```
.border{ border-color:#F1D723 }
```

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

Here you see how a box with a 4 pixel #F1D723 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F1D723; -webkit-box-shadow:4px 4px  
4px 4px #F1D723; box-shadow:4px 4px 4px  
4px #F1D723 }
```

# Background

The CSS property to change the background color of an element to Hex F1D723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F1D723 }
```

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

```
.background{ background-color:#F1D723 }
```

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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