

# Converting Colors

Hex(F1C905)

Have a look what the booklet for  
Hex(F1C905) contains.

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**Color**

**Hex(F1C905)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1C905
RGB	241, 201, 5
RGB Percent	95%, 79%, 2%
CMY	0.0549, 0.2118, 0.9804
CMYK	0.00, 0.17, 0.98, 0.05
HSL	50°, 96%, 48%
HSV	50°, 98%, 95%
XYZ	57.1897, 60.4850, 8.8041
YIQ	190.6160, 86.7560, -52.4760

# Conversions

## Conversions Part 2

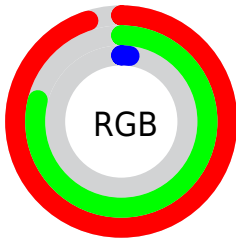
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 241, 5
Decimal	15845637
CIE <sub>Lab</sub>	82.10, -0.74, 82.66
CIE <sub>LCh</sub>	82, 82.658, 90.510
Yxy	60.4850, 0.4522, 0.4782
Android (android.graphics.Color)	4294035717 (0xFFFF1C905)
YUV	190.6160, -91.5087, 44.1868
Hunter-Lab	77.7721, -4.8414, 47.7286

# Details

The Hex color **F1C905** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **052DF1**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFFF57**, and **B49400** is the 20% darker color. If you saturate the color by 10%, you get **F1C800**, and if you desaturate by 10%, it is **F1CD1D**.

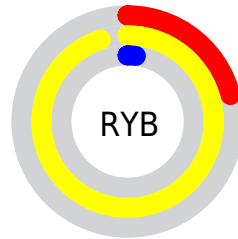
# Distribution



Red (95%)

Green (79%)

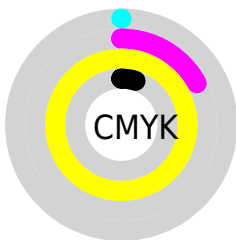
Blue (2%)



Red (21%)

Yellow (95%)

Blue (2%)

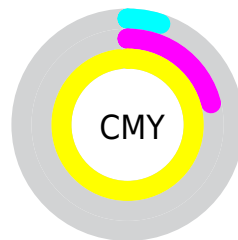


Cyan (0%)

Magenta (17%)

Yellow (98%)

Black (5%)



Cyan (5%)

Magenta (21%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F1C905 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 F1C905 by changing the saturation by 10% instead.



 F1C905

 F1C905

FFFFFF

 D2AE00

 FFFF57

 B49400

 FFFF74

 967A00

 FFFF91

 796200

 FFFFAF

 5C4A00

 FFFFCC

 413400

 FFFFEA

 281F00

 0A0800

 000000

 F1C905

 F1C905

 F1C800

 F1CD1D

 F1D135

 F1D54D

 F1D965

 F1DD7E

 F1E296

 F1E6AE

 F1EAC6

 F1EEDE

# Harmonies

## Analogous

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



FFAB40



F1C905



A3DE35

# Triad

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



F1C905



00F0FF



FF94FF

# Complementary

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



F1C905



052DF1

# 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.



CCB7FF



F1C905



00E7FF

# Square

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



F1C905



00F0CB



00D5FF



FF7ECE

# Rectangle

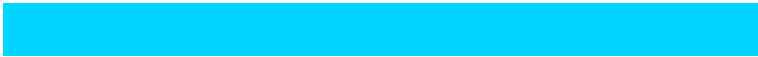
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F1C905



5AE763



00D5FF



FF9FFF



# Sweetspot

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



F1C905



FFF2B5



F10530



807853



000000



808080



# Same Dimension

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



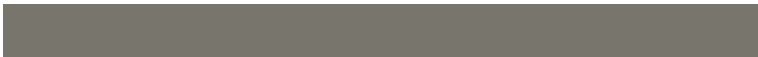
F1C905



FFD400



A6F105



78766C



B89800



382F00



# Inverse Universe

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



052DF1



002BFF



5005F1



6C6E78



001FB8



000A38



# Previews

## White Background



This preview shows how the Hex color F1C905 looks on a white background.

## Color Contrast Check

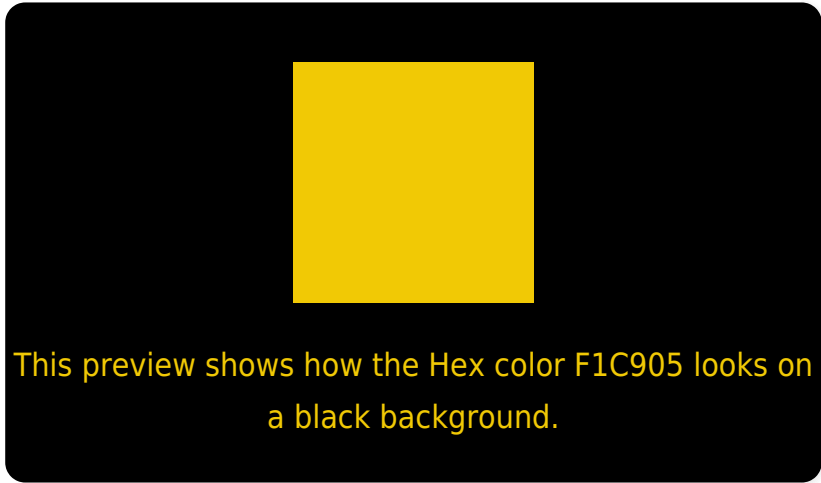
Large Text (above 18pt) WCAG AA × Fail

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 F1C905 Background



This preview shows how black text looks on a background with the Hex color F1C905.



This preview shows how white text looks on a background with the Hex color F1C905.

# 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



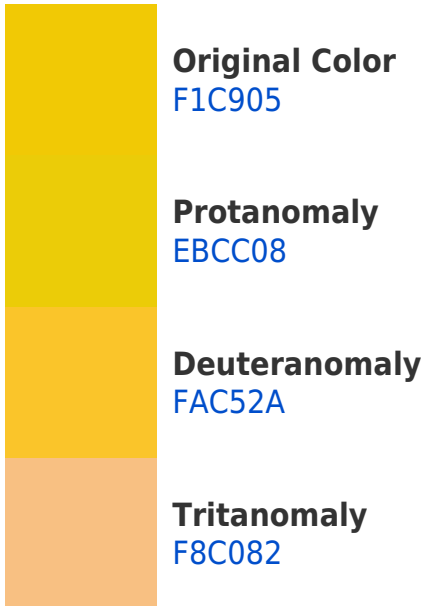
**Original Color**  
F1C905

**Protanopia**  
E7CD0A

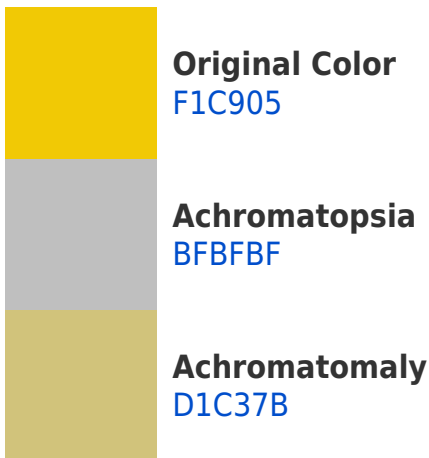
**Deuteranopia**  
FFC23F



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F1C905 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 #F1C905 looks like.

```
.text, #text, p{  
    color:#F1C905  
}
```

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 #F1C905 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F1C905
}
```

## Border

The CSS property to change the border of an element to Hex F1C905 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
#F1C905 }
```

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

```
.border{ border-color:#F1C905 }
```

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

Here you see how a box with a 4 pixel #F1C905 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F1C905; -webkit-box-shadow:4px 4px  
4px 4px #F1C905; box-shadow:4px 4px 4px  
4px #F1C905 }
```

# Background

The CSS property to change the background color of an element to Hex F1C905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F1C905 }
```

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

```
.background{ background-color:#F1C905 }
```

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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