

# Converting Colors

Hex(F1DE00)

Have a look what the booklet for  
Hex(F1DE00) contains.

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**Color**

**Hex(F1DE00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1DE00
RGB	241, 222, 0
RGB Percent	95%, 87%, 0%
CMY	0.0549, 0.1294, 1.0000
CMYK	0.00, 0.08, 1.00, 0.05
HSL	55°, 100%, 47%
HSV	55°, 100%, 95%
XYZ	62.3969, 70.9433, 10.4048
YIQ	202.3730, 82.5860, -65.0140

# Conversions

## Conversions Part 2

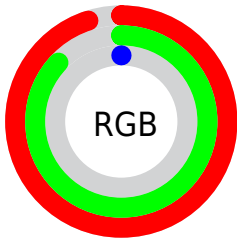
Format	Color
<a href="#">RYB</a>	<a href="#">21, 241, 0</a>
Decimal	<a href="#">15851008</a>
CIELab	<a href="#">87.46, -11.38, 86.94</a>
CIElCh	<a href="#">87, 87.680, 97.459</a>
Yxy	<a href="#">70.9433, 0.4341, 0.4935</a>
Android (android.graphics.Color)	<a href="#">4294041088</a> ( <a href="#">0xFFFF1DE00</a> )
YUV	<a href="#">202.3730, -99.7699, 33.8759</a>
Hunter-Lab	<a href="#">84.2279, -15.1640, 51.6353</a>

# Details

The Hex color **F1DE00** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light saturated yellow. A complement of this color would be **0013F1**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFF5A**, and **B4A700** is the 20% darker color. If you saturate the color by 10%, you get **F1DE00**, and if you desaturate by 10%, it is **F1E018**.

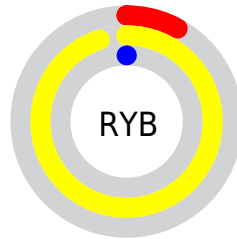
# Distribution



Red (95%)

Green (87%)

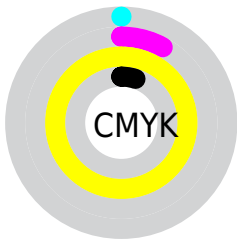
Blue (0%)



Red (8%)

Yellow (95%)

Blue (0%)

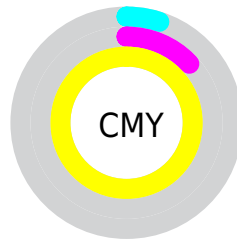


Cyan (0%)

Magenta (8%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (13%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F1DE00 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 F1DE00 by changing the saturation by 10% instead.



 F1DE00

 F1DE00

FFFFFF

 D2C200

 FFFF5A

 B4A700

 FFFF78

 968D00

 FFFF95

 797400

 FFFFB3

 5D5C00

 FFFFD1

 414400

 FFFFEF

 282E00

 0C1A00

 000000

 F1DE00

 F1E018

 F1E230

 F1E448

 F1E660

 F1E778

 F1E991

 F1EBA9

 F1EDC1

 F1EFD9

# Harmonies

## Analogous

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



FFBF34



F1DE00



98F349

# Triad

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



F1DE00



00FFFF



FF96FF

# Complementary

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



F1DE00



0013F1

# 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.



F8BCFF



F1DE00



00F5FF

# Square

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



F1DE00



00FFEE



00DEFF



FF87CA

# Rectangle

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



F1DE00



2CFB7C



00DEFF



FFA2FF



# Sweetspot

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



F1DE00



FFF9B3



F10014



807C52



000000



808080



# Same Dimension

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



F1DE00



FFEB00



8DF100



78776C



B8A900



383400



# Inverse Universe

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



0013F1



0014FF



6400F1



6C6D78



000EB8

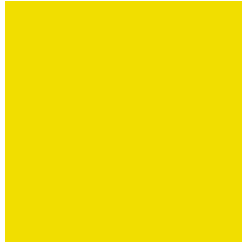


000438



# Previews

## White Background



This preview shows how the Hex color F1DE00 looks on a white background.

## Color Contrast Check

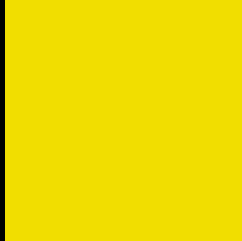
Large Text (above 18pt) WCAG AA × Fail

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 F1DE00 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 F1DE00 Background



This preview shows how black text looks on a background with the Hex color F1DE00.

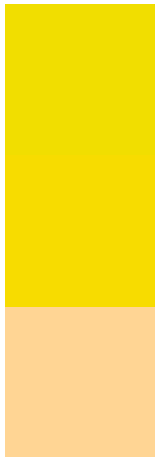


This preview shows how white text looks on a background with the Hex color F1DE00.

# 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



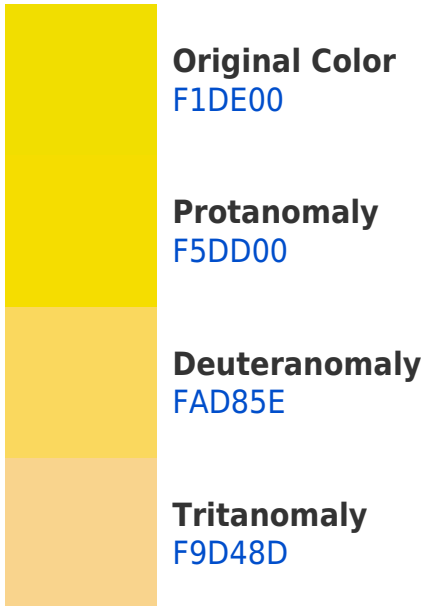
**Original Color**  
F1DE00

**Protanopia**  
F7DC00

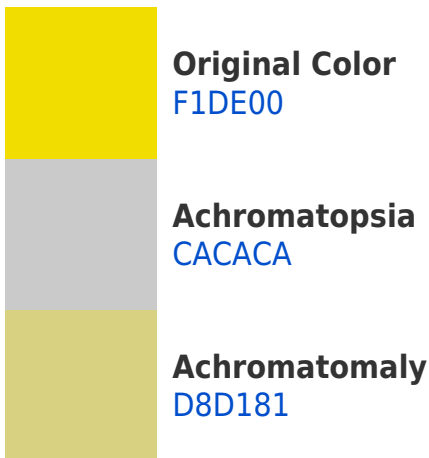
**Deuteranopia**  
FFD594



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F1DE00 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 #F1DE00 looks like.

```
.text, #text, p{  
    color:#F1DE00  
}
```

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 #F1DE00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F1DE00
}
```

## Border

The CSS property to change the border of an element to Hex F1DE00 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
#F1DE00 }
```

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

```
.border{ border-color:#F1DE00 }
```

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

Here you see how a box with a 4 pixel #F1DE00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F1DE00; -webkit-box-shadow:4px 4px  
4px 4px #F1DE00; box-shadow:4px 4px 4px  
4px #F1DE00 }
```

# Background

The CSS property to change the background color of an element to Hex F1DE00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F1DE00 }
```

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

```
.background{ background-color:#F1DE00 }
```

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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