

# Converting Colors

Hex(F6DE29)

Have a look what the booklet for  
Hex(F6DE29) contains.

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**Color**

**Hex(F6DE29)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6DE29
RGB	246, 222, 41
RGB Percent	96%, 87%, 16%
CMY	0.0353, 0.1294, 0.8392
CMYK	0.00, 0.10, 0.83, 0.04
HSL	53°, 92%, 56%
HSV	53°, 83%, 96%
XYZ	64.5276, 71.9955, 12.5934
YIQ	208.5420, 72.4050, -51.2030

# Conversions

## Conversions Part 2

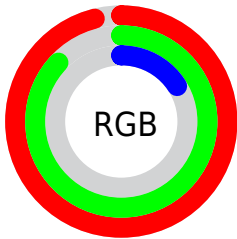
Format	Color
<a href="#">RYB</a>	68, 246, 41
Decimal	16178729
CIELab	87.97, -8.69, 81.81
CIELCh	88, 82.268, 96.060
Yxy	71.9955, 0.4327, 0.4828
Android (android.graphics.Color)	4294368809 (0xFFFF6DE29)
YUV	208.5420, -82.5982, 32.8507
Hunter-Lab	84.8501, -12.7406, 50.5953

# Details

The Hex color **F6DE29** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **2941F6**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFF6A**, and **B9A700** is the 20% darker color. If you saturate the color by 10%, you get **F6DB10**, and if you desaturate by 10%, it is **F6E142**.

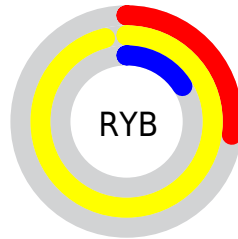
# Distribution



Red (96%)

Green (87%)

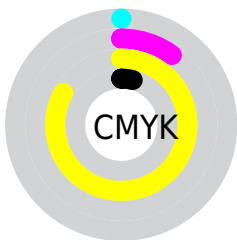
Blue (16%)



Red (27%)

Yellow (96%)

Blue (16%)

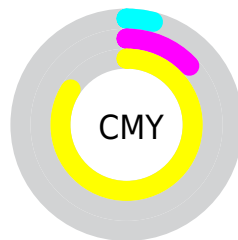


Cyan (0%)

Magenta (10%)

Yellow (83%)

Black (4%)



Cyan (4%)

Magenta (13%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F6DE29 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 F6DE29 by changing the saturation by 10% instead.



 F6DE29

 F6DE29

FFFFFF

 D7C200

 FFFF6A

 B9A700

 FFFF87

 9B8D00

 FFFFA4

 7F7400

 FFFFC1

 625C00

 FFFFDF

 464400

 FFFFFC

 2D2E00

 131A00

 000000

 F6DE29

 F6DE29

 F6DB10

 F6E142

 F6D900

 F6E45A

 F6E773

 F6EA8B

 F6ECA4

 F6EFBD

 F6F2D5

 F6F5EE

 F6F8FF

# Harmonies

## Analogous

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



FFC147



F6DE29



A4F253

# Triad

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



F6DE29



00FFFF



FF9FFF

# Complementary

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



F6DE29



2941F6

# 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.



F4C1FF



F6DE29



00F6FF

# Square

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



F6DE29



00FFEB



34E0FF



FF91D0

# Rectangle

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



F6DE29



51FA80



34E0FF



FFAAFF



# Sweetspot

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



F6DE29



FFF8BF



F62944



807B59



000000



808080



# Same Dimension

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



F6DE29



FFE100



ABF629



7A796E



BAA400



3B3400



# Inverse Universe

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



2941F6



001EFF



7429F6



6E707A



0016BA



00073B



# Previews

## White Background



This preview shows how the Hex color F6DE29 looks on a white background.

## Color Contrast Check

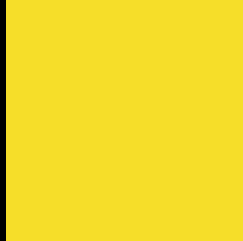
Large Text (above 18pt) WCAG AA × Fail

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 F6DE29 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 F6DE29 Background



This preview shows how black text looks on a background with the Hex color F6DE29.



This preview shows how white text looks on a background with the Hex color F6DE29.

# 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**  
F6DE29

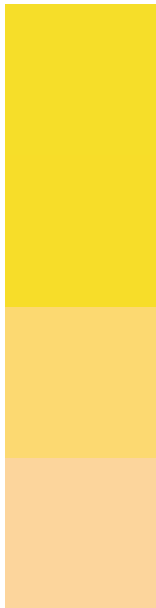
**Protanopia**  
F8DD29

**Deuteranopia**  
FFD69A



**Tritanopia**  
FFD0DE

# Trichromacy



**Original Color**  
F6DE29

**Protanomaly**  
F7DD29

**Deuteranomaly**  
FCD971

**Tritanomaly**  
FCD59C

# Monochromacy



**Original Color**  
F6DE29

**Achromatopsia**  
D1D1D1

**Achromatomaly**  
DED694

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F6DE29 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 #F6DE29 looks like.

```
.text, #text, p{  
    color:#F6DE29  
}
```

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 #F6DE29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6DE29
}
```

## Border

The CSS property to change the border of an element to Hex F6DE29 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
#F6DE29 }
```

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

```
.border{ border-color:#F6DE29 }
```

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

Here you see how a box with a 4 pixel #F6DE29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6DE29; -webkit-box-shadow:4px 4px  
4px 4px #F6DE29; box-shadow:4px 4px 4px  
4px #F6DE29 }
```

# Background

The CSS property to change the background color of an element to Hex F6DE29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6DE29 }
```

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

```
.background{ background-color:#F6DE29 }
```

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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