

Converting Colors

Hex(F7DB0D)

Have a look what the booklet for
Hex(F7DB0D) contains.

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Color

Hex(F7DB0D)

Conversions

Conversions Part 1

Format	Color
Hex	F7DB0D
RGB	247, 219, 13
RGB Percent	97%, 86%, 5%
CMY	0.0314, 0.1412, 0.9490
CMYK	0.00, 0.11, 0.95, 0.03
HSL	53°, 94%, 51%
HSV	53°, 95%, 97%
XYZ	63.7619, 70.4663, 10.6215
YIQ	203.8880, 82.8140, -58.1300

Conversions

Conversions Part 2

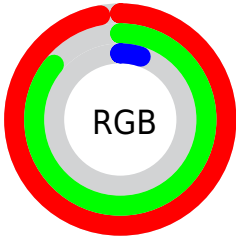
Format	Color
RYB	45, 247, 13
Decimal	16243469
CIELab	87.23, -7.23, 85.91
CIELCh	87, 86.211, 94.814
Yxy	70.4663, 0.4402, 0.4865
Android (android.graphics.Color)	4294433549 (0xFFFF7DB0D)
YUV	203.8880, -94.1078, 37.8092
Hunter-Lab	83.9442, -11.3181, 51.2589

Details

The Hex color **F7DB0D** 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 **0D29F7**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFF5C**, and **BAA500** is the 20% darker color. If you saturate the color by 10%, you get **F7D900**, and if you desaturate by 10%, it is **F7DE26**.

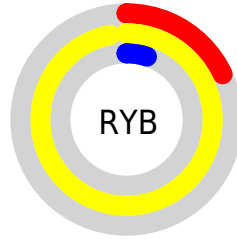
Distribution



Red (97%)

Green (86%)

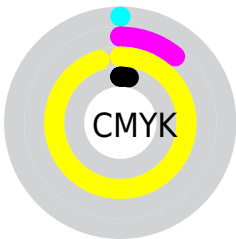
Blue (5%)



Red (18%)

Yellow (97%)

Blue (5%)

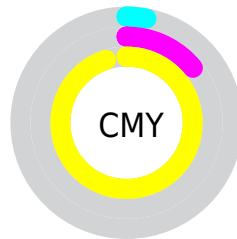


Cyan (0%)

Magenta (11%)

Yellow (95%)

Black (3%)



Cyan (3%)

Magenta (14%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color F7DB0D 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 F7DB0D by changing the saturation by 10% instead.

 F7DB0D

 F7DB0D

FFFFFF

 D8BF00

 FFFF5C

 BAA500

 FFFF7A

 9C8A00

 FFFF98

 7F7100

 FFFFB5

 625900

 FFFFD3

 464200

 FFFFF1

 2D2C00

 131800

 000000

 F7DB0D

 F7DB0D

 F7D900

 F7DE26

 F7E13E

 F7E457

 F7E770

 F7EA89

 F7EDA1

 F7F0BA

 F7F3D3

 F7F6EB

Harmonies

Analogous

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



FFBC3D



F7DB0D



A2F045

Triad

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



F7DB0D



00FFFF



FF9AFF

Complementary

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



F7DB0D



0D29F7

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.



EDBFFF



F7DB0D



00F5FF

Square

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



F7DB0D



00FE6



00E0FF



FF88D1

Rectangle

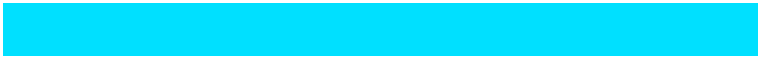
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F7DB0D



49F976



00E0FF



FFA6FF

Sweetspot

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



F7DB0D



FFF6B8



F70D2C



807A54



000000



808080

Same Dimension

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



F7DB0D



FFE000



A1F70D



7A796E



BAA400



3B3400

Inverse Universe

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



0D29F7



001FFF



630DF7



6E707A



0016BA



00073B

Previews

White Background



This preview shows how the Hex color F7DB0D looks on a white background.

Color Contrast Check

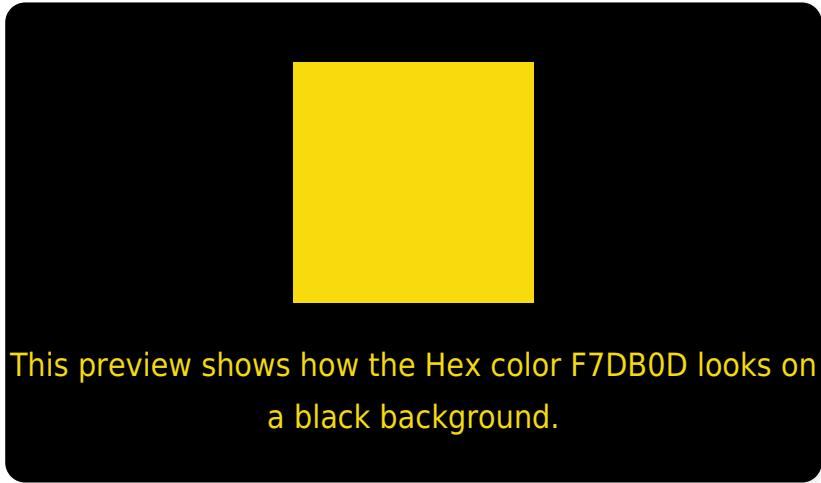
Large Text (above 18pt) WCAG AA × Fail

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 F7DB0D Background



This preview shows how black text looks on a background with the Hex color F7DB0D.



This preview shows how white text looks on a background with the Hex color F7DB0D.

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

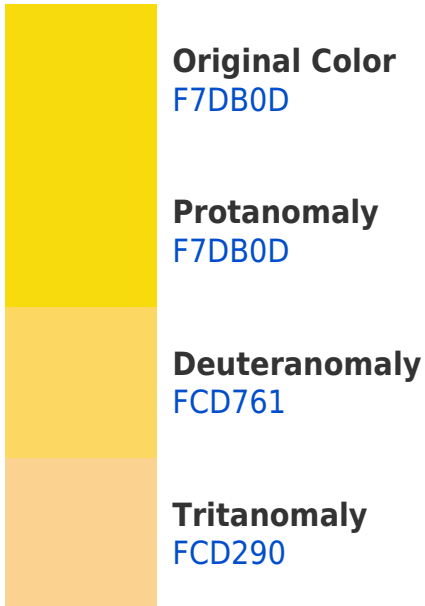


Original Color
F7DB0D

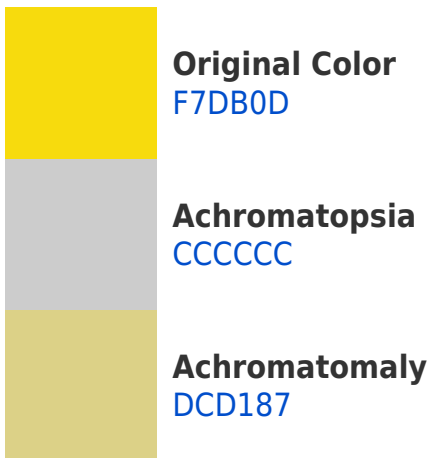
Protanopia
F7DB0D

Deuteranopia
FFD491

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F7DB0D 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 #F7DB0D looks like.

```
.text, #text, p{  
    color:#F7DB0D  
}
```

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 #F7DB0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7DB0D
}
```

Border

The CSS property to change the border of an element to Hex F7DB0D 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
#F7DB0D }
```

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

```
.border{ border-color:#F7DB0D }
```

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

Here you see how a box with a 4 pixel #F7DB0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7DB0D; -webkit-box-shadow:4px 4px  
4px 4px #F7DB0D; box-shadow:4px 4px 4px  
4px #F7DB0D }
```

Background

The CSS property to change the background color of an element to Hex F7DB0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7DB0D }
```

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

```
.background{ background-color:#F7DB0D }
```

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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