

Converting Colors

Hex(F6DB32)

Have a look what the booklet for
Hex(F6DB32) contains.

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Color

Hex(F6DB32)

Conversions

Conversions Part 1

Format	Color
Hex	F6DB32
RGB	246, 219, 50
RGB Percent	96%, 86%, 20%
CMY	0.0353, 0.1412, 0.8039
CMYK	0.00, 0.11, 0.80, 0.04
HSL	52°, 92%, 58%
HSV	52°, 80%, 96%
XYZ	63.9133, 70.4862, 13.2542
YIQ	207.8070, 70.3410, -46.8350

Conversions

Conversions Part 2

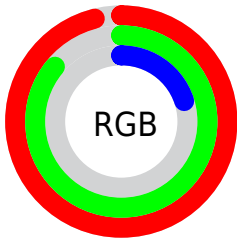
Format	Color
RYB	81, 246, 50
Decimal	16177970
CIELab	87.23, -6.93, 78.87
CIELCh	87, 79.175, 95.022
Yxy	70.4862, 0.4329, 0.4774
Android (android.graphics.Color)	4294368050 (0xFFFF6DB32)
YUV	207.8070, -77.7989, 33.4953
Hunter-Lab	83.9560, -11.0362, 49.4091

Details

The Hex color **F6DB32** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **324DF6**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFF6F**, and **B9A400** is the 20% darker color. If you saturate the color by 10%, you get **F6D819**, and if you desaturate by 10%, it is **F6DE4B**.

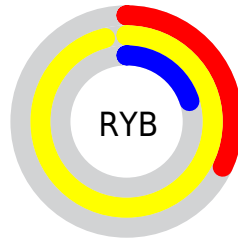
Distribution



Red (96%)

Green (86%)

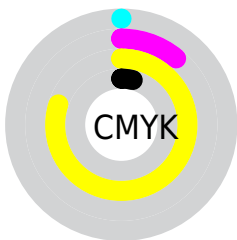
Blue (20%)



Red (32%)

Yellow (96%)

Blue (20%)

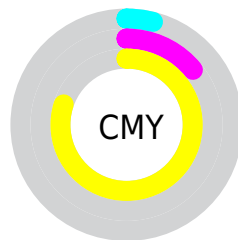


Cyan (0%)

Magenta (11%)

Yellow (80%)

Black (4%)



Cyan (4%)

Magenta (14%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color F6DB32 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 F6DB32 by changing the saturation by 10% instead.

 F6DB32

 F6DB32

FFFFFF

 D7BF00

 FFFF6F

 B9A400

 FFFF8C

 9C8A00

 FFFFA9

 7F7100


 FFFFC6

 625900

 FFFF E3

 474200

 2D2C00

 141800

 000000

 F6DB32

 F6DB32

 F6D819

 F6DE4B

 F6D401

 F6E263

 F6D400

 F6E57C

 F6E994

 F6ECAD

 F6EFC6

 F6F3DE

 F6F6F7

 F6F9FF

Harmonies

Analogous

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



FFBF4D



F6DB32



A8EF55

Triad

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



F6DB32



00DFFF



FFA2FF

Complementary

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



F6DB32



324DF6

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.



EEC1FF



F6DB32



00F3FF

Square

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



F6DB32



00FE5



39DFFF



FF93D1

Rectangle

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



F6DB32



5EF780



39DFFF



FFABFF

Sweetspot

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



F6DB32



FFF7C2



F6324F



807A5B



000000



808080

Same Dimension

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



F6DB32



FFDD0A



B1F632



7A796E



BAA100



3B3300

Inverse Universe

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



324DF6



0A2CFF



7732F6



6E707A



001ABA



00083B

Previews

White Background



This preview shows how the Hex color F6DB32 looks on a white background.

Color Contrast Check

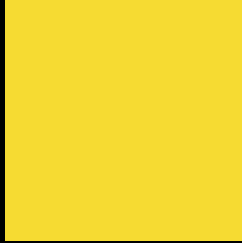
Large Text (above 18pt) WCAG AA × Fail

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 F6DB32 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 F6DB32 Background



This preview shows how black text looks on a background with the Hex color F6DB32.



This preview shows how white text looks on a background with the Hex color F6DB32.

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

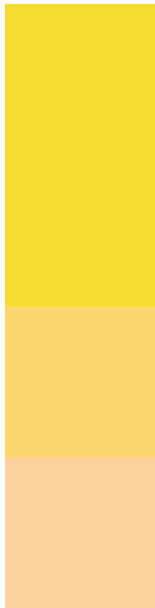


Original Color
F6DB32

Protanopia
F6DB32

Deuteranopia
FFD492

Trichromacy



Original Color
F6DB32

Protanomaly
F6DB32

Deuteranomaly
FCD76F

Tritanomaly
FCD29E

Monochromacy



Original Color
F6DB32

Achromatopsia
D0D0D0

Achromatomaly
DED497

CSS Examples

Text

The CSS property to change the color of the text to Hex F6DB32 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 #F6DB32 looks like.

```
.text, #text, p{  
    color:#F6DB32  
}
```

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 #F6DB32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6DB32
}
```

Border

The CSS property to change the border of an element to Hex F6DB32 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
#F6DB32 }
```

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

```
.border{ border-color:#F6DB32 }
```

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

Here you see how a box with a 4 pixel #F6DB32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6DB32; -webkit-box-shadow:4px 4px  
4px 4px #F6DB32; box-shadow:4px 4px 4px  
4px #F6DB32 }
```

Background

The CSS property to change the background color of an element to Hex F6DB32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6DB32 }
```

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

```
.background{ background-color:#F6DB32 }
```

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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