

Converting Colors

Hex(D6BA2F)

Have a look what the booklet for
Hex(D6BA2F) contains.

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Color

Hex(D6BA2F)

Conversions

Conversions Part 1

Format	Color
Hex	D6BA2F
RGB	214, 186, 47
RGB Percent	84%, 73%, 18%
CMY	0.1608, 0.2706, 0.8157
CMYK	0.00, 0.13, 0.78, 0.16
HSL	50°, 67%, 51%
HSV	50°, 78%, 84%
XYZ	45.8036, 49.6192, 9.8527
YIQ	178.5260, 61.3070, -37.2930

Conversions

Conversions Part 2

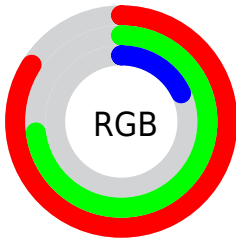
Format	Color
RYB	81, 214, 47
Decimal	14072367
CIELab	75.83, -3.84, 68.55
CIElCh	76, 68.653, 93.203
Yxy	49.6192, 0.4351, 0.4713
Android (android.graphics.Color)	4292262447 (0xFFD6BA2F)
YUV	178.5260, -64.8423, 31.1107
Hunter-Lab	70.4409, -7.2035, 41.0156

Details

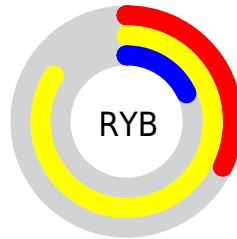
The Hex color **D6BA2F** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed orange. A complement of this color would be **2F4BD6**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFF268**, and **9B8500** is the 20% darker color. If you saturate the color by 10%, you get **D6B61A**, and if you desaturate by 10%, it is **D6BE44**.

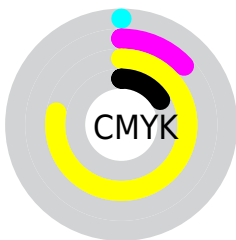
Distribution



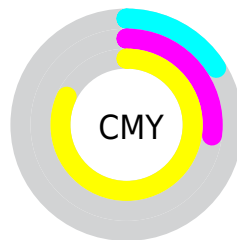
- Red (84%)
- Green (73%)
- Blue (18%)



- Red (32%)
- Yellow (84%)
- Blue (18%)



- Cyan (0%)
- Magenta (13%)
- Yellow (78%)
- Black (16%)



- Cyan (16%)
- Magenta (27%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6BA2F 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 D6BA2F by changing the saturation by 10% instead.

 D6BA2F

 D6BA2F

FFFFFF

 B89F04

 FFF268

 9B8500

 FFFF84

 7E6C00

 FFFFA0

 635400

 FFFFBD

 473E00

 FFFFD9

 2D2800

 FFFFF7

 141400

 000000

 D6BA2F

 D6BA2F

 D6B61A

 D6BE44

 D6B304

 D6C15A

 D6B200

 D6C56F

 D6C885

 D6CC9A

 D6D0AF

 D6D3C5

 D6D7DA

 D6DAF0

Harmonies

Analogous

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



FFA247



D6BA2F



95CB49

Triad

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



D6BA2F



00D8FF



FF8DF5

Complementary

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



D6BA2F



2F4BD6

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.



C6A7FF



D6BA2F



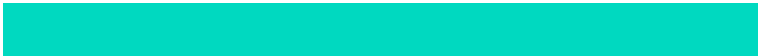
00D0FF

Square

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



D6BA2F



00D9C0



24C0FF



FF7FB7

Rectangle

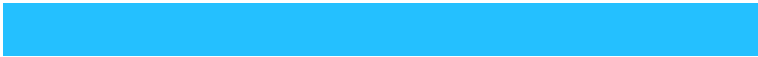
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D6BA2F



5BD36B



24C0FF



FA95FF

Sweetspot

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



D6BA2F



FFF5C4



D62F4E



807A5C



000000



808080

Same Dimension

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



D6BA2F



FFD70F



A1D62F



6B6960



AB8E00



2B2400

Inverse Universe

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



2F4BD6



0F37FF



642FD6



60626B



001DAB



00072B

Previews

White Background



This preview shows how the Hex color D6BA2F looks on a white background.

Color Contrast Check

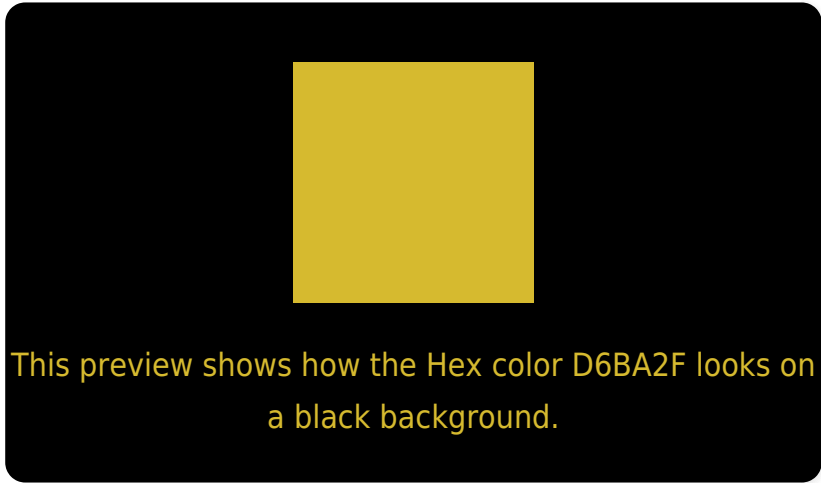
Large Text (above 18pt) WCAG AA × Fail

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 D6BA2F Background



This preview shows how black text looks on a background with the Hex color D6BA2F.



This preview shows how white text looks on a background with the Hex color D6BA2F.

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
D6BA2F

Protanopia
D2BB2F

Deuteranopia
EBB133



Tritanopia
E0ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D6BA2F 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 #D6BA2F looks like.

```
.text, #text, p{  
    color:#D6BA2F  
}
```

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 #D6BA2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6BA2F
}
```

Border

The CSS property to change the border of an element to Hex D6BA2F 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
#D6BA2F }
```

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

```
.border{ border-color:#D6BA2F }
```

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

Here you see how a box with a 4 pixel #D6BA2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6BA2F; -webkit-box-shadow:4px 4px  
4px 4px #D6BA2F; box-shadow:4px 4px 4px  
4px #D6BA2F }
```

Background

The CSS property to change the background color of an element to Hex D6BA2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6BA2F }
```

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

```
.background{ background-color:#D6BA2F }
```

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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