

Converting Colors

Hex(DFBE21)

Have a look what the booklet for
Hex(DFBE21) contains.

Hex(DFBE21)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DFBE21)

Conversions

Conversions Part 1

Format	Color
Hex	DFBE21
RGB	223, 190, 33
RGB Percent	87%, 75%, 13%
CMY	0.1255, 0.2549, 0.8706
CMYK	0.00, 0.15, 0.85, 0.13
HSL	50°, 75%, 50%
HSV	50°, 85%, 87%
XYZ	49.1194, 52.6247, 9.0076
YIQ	181.9690, 70.0650, -41.8310

Conversions

Conversions Part 2

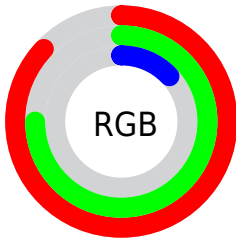
Format	Color
RYB	73, 223, 33
Decimal	14663201
CIELab	77.65, -2.43, 74.32
CIELCh	78, 74.365, 91.875
Yxy	52.6247, 0.4435, 0.4752
Android (android.graphics.Color)	4292853281 (0xFFDFBE21)
YUV	181.9690, -73.4417, 35.9842
Hunter-Lab	72.5429, -6.0862, 43.4181

Details

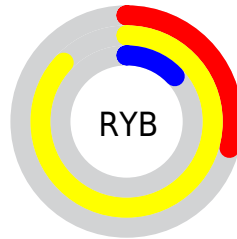
The Hex color **DFBE21** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **2142DF**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFF660**, and **A38900** is the 20% darker color. If you saturate the color by 10%, you get **DFBA0B**, and if you desaturate by 10%, it is **DFC237**.

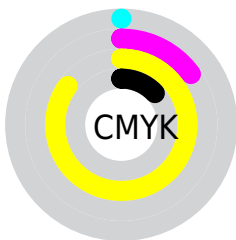
Distribution



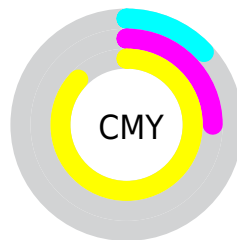
- Red (87%)
- Green (75%)
- Blue (13%)



- Red (29%)
- Yellow (87%)
- Blue (13%)



- Cyan (0%)
- Magenta (15%)
- Yellow (85%)
- Black (13%)



- Cyan (13%)
- Magenta (25%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color DFBE21 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 DFBE21 by changing the saturation by 10% instead.

 DFBE21

 DFBE21

FFFFFF

 C1A300

 FFF660

 A38900

 FFFF7C

 867000

 FFFF98

 6A5800

 FFFFB5

 4E4100

 FFFFD2

 342B00

 FFFFEE

 1B1700

 000000

 DFBE21

 DFBE21

■ DFBA0B

■ DFC237

■ DFB800

■ DFC64E

■ DFCA64

■ DFCD7A

■ DFD191

■ DFD5A7

■ DFD9BD

■ DFDDDD3

■ DFE1EA

Harmonies

Analogous

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



FFA442



DFBE21



99D13F

Triad

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



DFBE21



00E0FF



FF8EFF

Complementary

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



DFBE21



2142DF

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.



C6ACFF



DFBE21



00D8FF

Square

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



DFBE21



00E0C2



00C6FF



FF7DBE

Rectangle

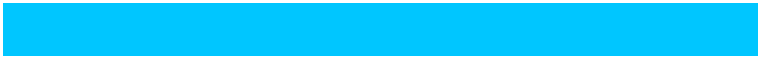
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DFBE21



59D966



00C6FF



FF97FF

Sweetspot

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



DFBE21



FFF3BD



DF2144



807958



000000



808080

Same Dimension

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



DFBE21



FFD300



A3DF21



706E65



B09100



302800

Inverse Universe

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



2142DF



002CFF



5D21DF



656770



001FB0



000830

Previews

White Background



This preview shows how the Hex color DFBE21 looks on a white background.

Color Contrast Check

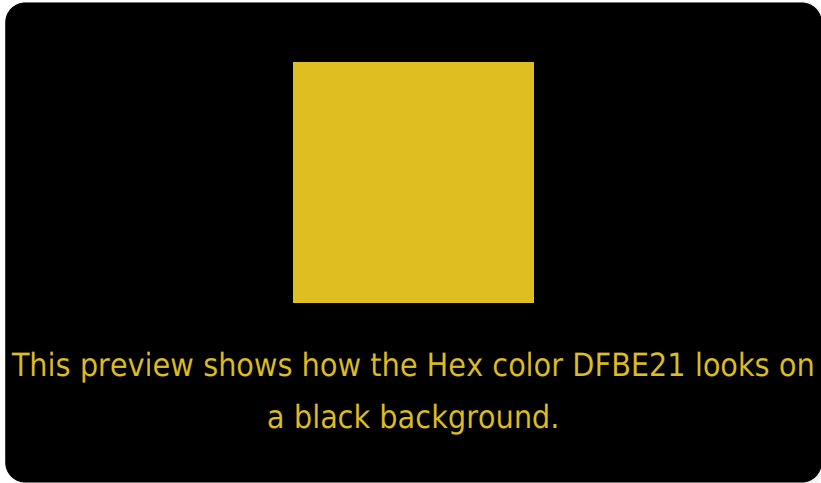
Large Text (above 18pt) WCAG AA × Fail

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 DFBE21 Background



This preview shows how black text looks on a background with the Hex color DFBE21.



This preview shows how white text looks on a background with the Hex color DFBE21.

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
DFBE21

Protanopia
D8C022

Deuteranopia
F2B626



Tritanopia
E9B1BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DFBE21 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 #DFBE21 looks like.

```
.text, #text, p{  
    color:#DFBE21  
}
```

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 #DFBE21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFBE21
}
```

Border

The CSS property to change the border of an element to Hex DFBE21 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
#DFBE21 }
```

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

```
.border{ border-color:#DFBE21 }
```

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

Here you see how a box with a 4 pixel #DFBE21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFBE21; -webkit-box-shadow:4px 4px  
4px 4px #DFBE21; box-shadow:4px 4px 4px  
4px #DFBE21 }
```

Background

The CSS property to change the background color of an element to Hex DFBE21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFBE21 }
```

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

```
.background{ background-color:#DFBE21 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor