

Converting Colors

Hex(DFB536)

Have a look what the booklet for
Hex(DFB536) contains.

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Color

Hex(DFB536)

Conversions

Conversions Part 1

Format	Color
Hex	DFB536
RGB	223, 181, 54
RGB Percent	87%, 71%, 21%
CMY	0.1255, 0.2902, 0.7882
CMYK	0.00, 0.19, 0.76, 0.13
HSL	45°, 73%, 54%
HSV	45°, 76%, 87%
XYZ	47.6212, 49.0021, 10.4385
YIQ	179.0800, 65.7990, -30.5930

Conversions

Conversions Part 2

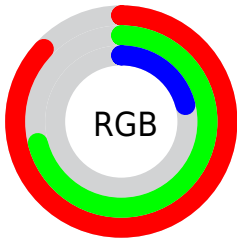
Format	Color
RYB	110, 223, 54
Decimal	14660918
CIELab	75.45, 2.93, 66.14
CIElCh	75, 66.206, 87.464
Yxy	49.0021, 0.4448, 0.4577
Android (android.graphics.Color)	4292850998 (0xFFDFB536)
YUV	179.0800, -61.6644, 38.5178
Hunter-Lab	70.0015, -1.0712, 40.1598

Details

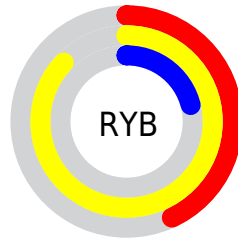
The Hex color **DFB536** is a light color, and the websafe version is hex **CC9900**. The color can be described as light muted orange. A complement of this color would be **3660DF**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFED6E**, and **A38100** is the 20% darker color. If you saturate the color by 10%, you get **DFAF20**, and if you desaturate by 10%, it is **DFBB4C**.

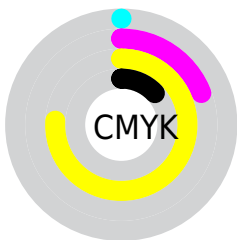
Distribution



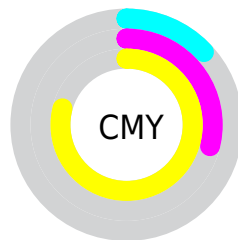
- Red (87%)
- Green (71%)
- Blue (21%)



- Red (43%)
- Yellow (87%)
- Blue (21%)



- Cyan (0%)
- Magenta (19%)
- Yellow (76%)
- Black (13%)



- Cyan (13%)
- Magenta (29%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color DFB536 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 DFB536 by changing the saturation by 10% instead.

 DFB536

 DFB536

FFFFFF

 C19A14

 FFED6E

 A38100

 FFFF89

 876800

 FFFFA5

 6A5000

 FFFFC1

 4F3900

 FFFFDE

 342400

 FFFFFC

 1C1000

 000000

 DFB536

 DFB536

 DFAF20

 DFBB4C

 DFAA09

 DFC063

 DFA800

 DFC679

 DF CB8F

 DFD1A6

 DFD6BC

 DFDCD2

 DFE1E8

 DFE7FF

Harmonies

Analogous

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



FF9E53



DFB536



A3C745

Triad

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



DFB536



00D7F0



FF92FC

Complementary

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



DFB536



3660DF

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.



B2ACFF



DFB536



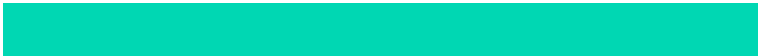
00D1FF

Square

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



DFB536



00D7B3



00C2FF



FF82C2

Rectangle

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



DFB536



71CF63



00C2FF



EA9BFF

Sweetspot

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



DFB536



FFF0C4



DF3660



80775C



000000



808080

Same Dimension

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



DFB536



FFC517



B5DF36



706D65



B08400



302400

Inverse Universe

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



3660DF



1751FF



6036DF



656870



002CB0



000C30

Previews

White Background



This preview shows how the Hex color DFB536 looks on a white background.

Color Contrast Check

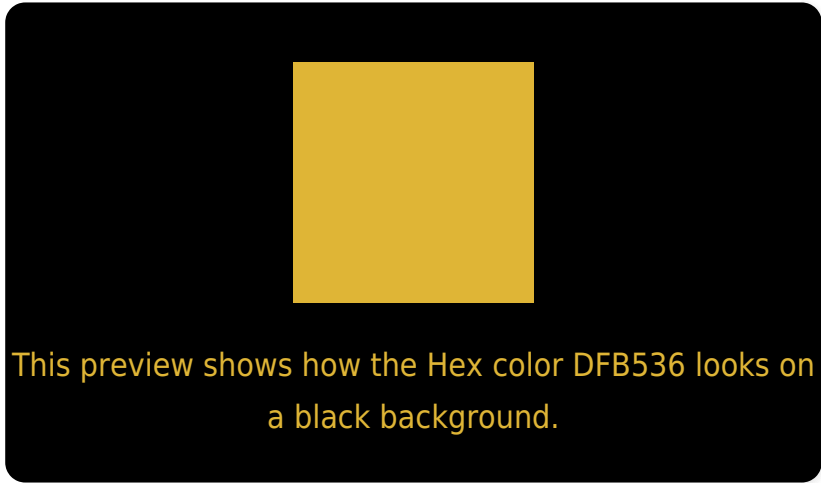
Large Text (above 18pt) WCAG AA × Fail

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 DFB536 Background



This preview shows how black text looks on a background with the Hex color DFB536.



This preview shows how white text looks on a background with the Hex color DFB536.

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
DFB536

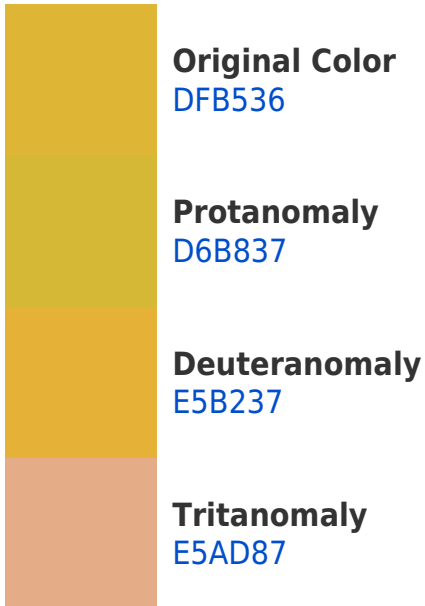
Protanopia
D1BA37

Deuteranopia
E9B138



Tritanopia
E8A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DFB536 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 #DFB536 looks like.

```
.text, #text, p{  
    color:#DFB536  
}
```

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 #DFB536 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFB536
}
```

Border

The CSS property to change the border of an element to Hex DFB536 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
#DFB536 }
```

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

```
.border{ border-color:#DFB536 }
```

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

Here you see how a box with a 4 pixel #DFB536 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFB536; -webkit-box-shadow:4px 4px  
4px 4px #DFB536; box-shadow:4px 4px 4px  
4px #DFB536 }
```

Background

The CSS property to change the background color of an element to Hex DFB536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFB536 }
```

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

```
.background{ background-color:#DFB536 }
```

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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