

Converting Colors

Hex(D5BF3B)

Have a look what the booklet for
Hex(D5BF3B) contains.

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Color

Hex(D5BF3B)

Conversions

Conversions Part 1

Format	Color
Hex	D5BF3B
RGB	213, 191, 59
RGB Percent	84%, 75%, 23%
CMY	0.1647, 0.2510, 0.7686
CMYK	0.00, 0.10, 0.72, 0.16
HSL	51°, 65%, 53%
HSV	51°, 72%, 84%
XYZ	46.8608, 51.7235, 11.6515
YIQ	182.5300, 55.4840, -36.3880

Conversions

Conversions Part 2

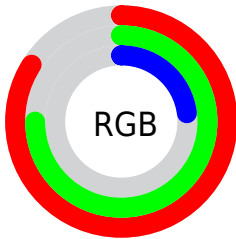
Format	Color
RYB	85, 213, 59
Decimal	14008123
CIELab	77.12, -6.36, 65.59
CIELCh	77, 65.899, 95.540
Yxy	51.7235, 0.4251, 0.4692
Android (android.graphics.Color)	4292198203 (0xFFD5BF3B)
YUV	182.5300, -60.9003, 26.7222
Hunter-Lab	71.9191, -9.5519, 40.7379

Details

The Hex color **D5BF3B** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted orange. A complement of this color would be **3B51D5**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFF773**, and **9B8A00** is the 20% darker color. If you saturate the color by 10%, you get **D5BC26**, and if you desaturate by 10%, it is **D5C250**.

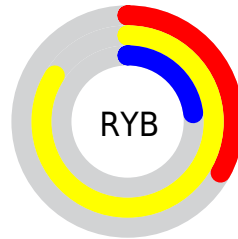
Distribution



Red (84%)

Green (75%)

Blue (23%)



Red (33%)

Yellow (84%)

Blue (23%)

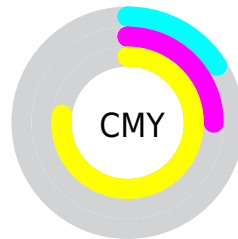


Cyan (0%)

Magenta (10%)

Yellow (72%)

Black (16%)



Cyan (16%)

Magenta (25%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color D5BF3B 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 D5BF3B by changing the saturation by 10% instead.

 D5BF3B

 D5BF3B

FFFFFF

 B7A41B

 FFF773

 9B8A00

 FFFF8E

 7E7100

 FFFFAA

 635900

 FFFFC7

 474200

 FFFFE4

 2D2C00

 141800

 000000

 D5BF3B

 D5BF3B

 D5BC26

 D5C250

 D5B910

 D5C566

 D5B700

 D5C87B

 D5CB90

 D5CEA6

 D5D1BB

 D5D4D0

 D5D7E5

 D5DAFB

Harmonies

Analogous

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



FFA94D



D5BF3B



95CF55

Triad

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



D5BF3B



00DBFF



FF91F2

Complementary

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



D5BF3B



3B51D5

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.



D0A AFF



D5B F3B



00D 2FF

Square

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



D5BF3B



00DCC8



55C1FF



FF87B5

Rectangle

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



D5BF3B



5CD676



55C1FF



FF99FF

Sweetspot

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



D5BF3B



FFF7C7



D53B52



807B5E



000000



808080

Same Dimension

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



D5BF3B



FFDF21



9FD53B



6B6A60



AB9200



2B2500

Inverse Universe

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



3B51D5



2141FF



713BD5



60626B



0018AB



00062B

Previews

White Background



This preview shows how the Hex color D5BF3B looks on a white background.

Color Contrast Check

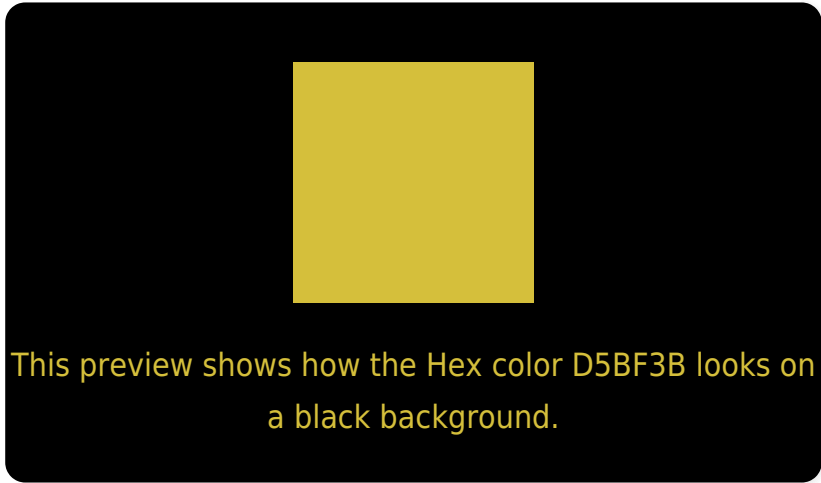
Large Text (above 18pt) WCAG AA × Fail

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 D5BF3B Background



This preview shows how black text looks on a background with the Hex color D5BF3B.



This preview shows how white text looks on a background with the Hex color D5BF3B.

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
D5BF3B

Protanopia
D5BF3B

Deuteranopia
EEB53F



Tritanopia
DFB2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D5BF3B 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 #D5BF3B looks like.

```
.text, #text, p{  
    color:#D5BF3B  
}
```

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 #D5BF3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5BF3B
}
```

Border

The CSS property to change the border of an element to Hex D5BF3B 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
#D5BF3B }
```

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

```
.border{ border-color:#D5BF3B }
```

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

Here you see how a box with a 4 pixel #D5BF3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5BF3B; -webkit-box-shadow:4px 4px  
4px 4px #D5BF3B; box-shadow:4px 4px 4px  
4px #D5BF3B }
```

Background

The CSS property to change the background color of an element to Hex D5BF3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5BF3B }
```

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

```
.background{ background-color:#D5BF3B }
```

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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