

Converting Colors

Hex(DBC20D)

Have a look what the booklet for
Hex(DBC20D) contains.

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Color

Hex(DBC20D)

Conversions

Conversions Part 1

Format	Color
Hex	DBC20D
RGB	219, 194, 13
RGB Percent	86%, 76%, 5%
CMY	0.1412, 0.2392, 0.9490
CMYK	0.00, 0.11, 0.94, 0.14
HSL	53°, 89%, 45%
HSV	53°, 94%, 86%
XYZ	48.5778, 53.6727, 8.1803
YIQ	180.8410, 73.0010, -50.9910

Conversions

Conversions Part 2

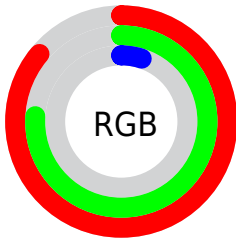
Format	Color
R_{YB}	41, 219, 13
Decimal	14402061
CIE Lab	78.27, -6.57, 78.14
CIE LCh	78, 78.420, 94.809
Yxy	53.6727, 0.4399, 0.4860
Android (android.graphics.Color)	4292592141 (0xFFDBC20D)
YUV	180.8410, -82.7456, 33.4654
Hunter-Lab	73.2617, -9.8493, 44.6629

Details

The Hex color **DBC20D** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **0D26DB**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFFA57**, and **9F8D00** is the 20% darker color. If you saturate the color by 10%, you get **DBC000**, and if you desaturate by 10%, it is **DBC523**.

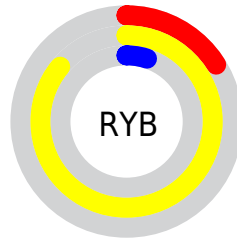
Distribution



Red (86%)

Green (76%)

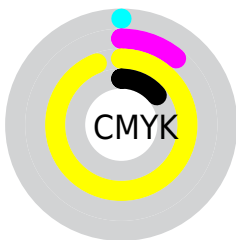
Blue (5%)



Red (16%)

Yellow (86%)

Blue (5%)

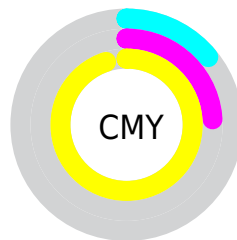


Cyan (0%)

Magenta (11%)

Yellow (94%)

Black (14%)



Cyan (14%)

Magenta (24%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBC20D 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 DBC20D by changing the saturation by 10% instead.

 DBC20D

 DBC20D

FFFFFF

 BDA700

 FFFA57

 9F8D00

 FFFF74

 827400

 FFFF91

 665B00

 FFFFAD

 4A4400

 FFFFCB

 302E00

 FFFF E8

 181A00

 000000

 DBC20D

 DBC20D

■ DBC000

■ DBC523

■ DBC739

■ DBCA4F

■ DBCD65

■ DBCF7B

■ DBD290

■ DBD5A6

■ DBD7BC

■ DBDAD2

Harmonies

Analogous

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



FFA736



DBC20D



8FD53D

Triad

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



DBC20D



00E2FF



FF88FF

Complementary

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



DBC20D



0D26DB

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.



D2A9FF



DBC20D



00D9FF

Square

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



DBC20D



00E4CC



00C6FF



FF79B9

Rectangle

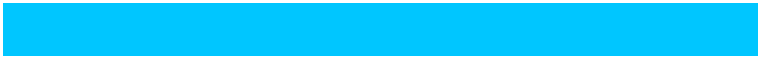
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DBC20D



41DD69



00C6FF



FF93FF

Sweetspot

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



DBC20D



FFF6B8



DB0D28



807A54



000000



808080

Same Dimension

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



DBC20D



FFE000



8FDB0D



6E6C63



AD9800



2E2800

Inverse Universe

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



0D26DB



001FFF



590DDB



63646E



0015AD



00062E

Previews

White Background



This preview shows how the Hex color DBC20D looks on a white background.

Color Contrast Check

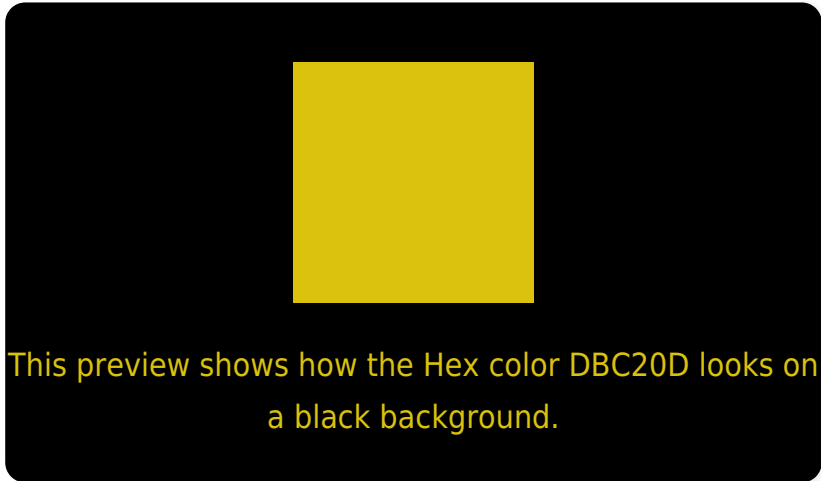
Large Text (above 18pt) WCAG AA × Fail

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 DBC20D Background



This preview shows how black text looks on a background with the Hex color DBC20D.



This preview shows how white text looks on a background with the Hex color DBC20D.

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
DBC20D

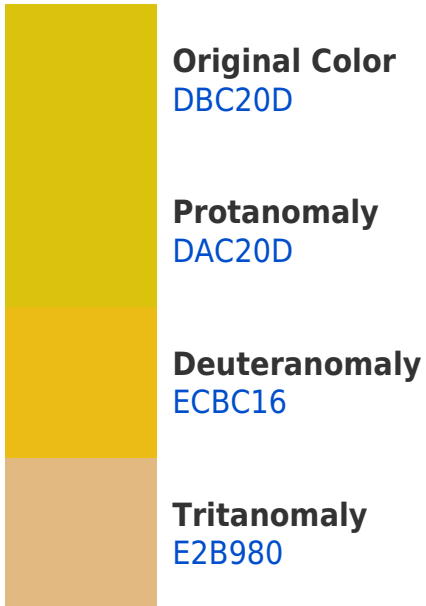
Protanopia
DAC20D

Deuteranopia
F5B81B



Tritanopia
E6B4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DBC20D 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 #DBC20D looks like.

```
.text, #text, p{  
    color:#DBC20D  
}
```

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 #DBC20D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBC20D }
}
```

Border

The CSS property to change the border of an element to Hex DBC20D 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 #DBC20D }
}
```

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

```
.border{ border-color:#DBC20D }
```

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

Here you see how a box with a 4 pixel #DBC20D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBC20D; -webkit-box-shadow:4px 4px  
4px 4px #DBC20D; box-shadow:4px 4px 4px  
4px #DBC20D }
```

Background

The CSS property to change the background color of an element to Hex DBC20D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBC20D }
```

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

```
.background{ background-color:#DBC20D }
```

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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