

Converting Colors

Hex(DCB13B)

Have a look what the booklet for
Hex(DCB13B) contains.

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Color

Hex(DCB13B)

Conversions

Conversions Part 1

Format	Color
Hex	DCB13B
RGB	220, 177, 59
RGB Percent	86%, 69%, 23%
CMY	0.1373, 0.3059, 0.7686
CMYK	0.00, 0.20, 0.73, 0.14
HSL	44°, 70%, 55%
HSV	44°, 73%, 86%
XYZ	46.0268, 46.9757, 10.7790
YIQ	176.4050, 63.5060, -27.5820

Conversions

Conversions Part 2

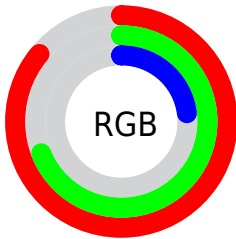
Format	Color
RYB	118, 220, 59
Decimal	14463291
CIELab	74.17, 3.96, 62.95
CIELCh	74, 63.077, 86.403
Yxy	46.9757, 0.4435, 0.4526
Android (android.graphics.Color)	4292653371 (0xFFDCB13B)
YUV	176.4050, -57.8807, 38.2328
Hunter-Lab	68.5388, -0.0725, 38.6527

Details

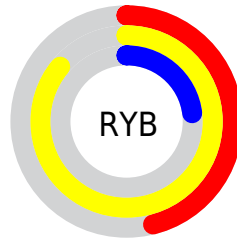
The Hex color **DCB13B** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **3B66DC**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFE871**, and **A17D00** is the 20% darker color. If you saturate the color by 10%, you get **DCAB25**, and if you desaturate by 10%, it is **DCB751**.

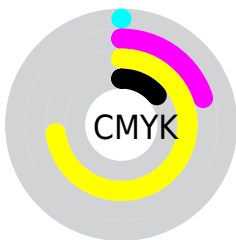
Distribution



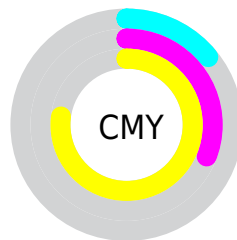
- Red (86%)
- Green (69%)
- Blue (23%)



- Red (46%)
- Yellow (86%)
- Blue (23%)



- Cyan (0%)
- Magenta (20%)
- Yellow (73%)
- Black (14%)



- Cyan (14%)
- Magenta (31%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCB13B 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 DCB13B by changing the saturation by 10% instead.

 DCB13B

 DCB13B

FFFFFF

 BE961D

 FFE871

 A17D00

 FFFF8D

 846400

 FFFFA8

 684C00

 FFFFC5

 4C3600

 FFFFE2

 322100

 1A0B00

 000000

 DCB13B

 DCB13B

 DCAB25

 DCB751

 DCA50F

 DCBD67

 DCA100

 DCC37D

 DCC993

 DCCEA9

 DCD4BF

 DCDAD5

 DCE0EB

 DCE6FF

Harmonies

Analogous

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



FF9B56



DCB13B



A3C247

Triad

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



DCB13B



00D2E8



F792F7

Complementary

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



DCB13B



3B66DC

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.



ACAAFF



DCB13B



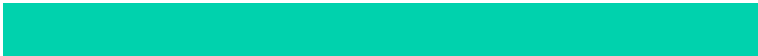
00CCFF

Square

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



DCB13B



00D2AD



00BFFF



FF83C0

Rectangle

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



DCB13B



75CA62



00BFFF



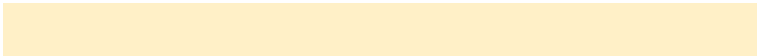
E29AFF

Sweetspot

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



DCB13B



FFF0C7



DC3B69



80775E



000000



808080

Same Dimension

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



DCB13B



FFC31F



B9DC3B



6E6B63



AD7F00



2E2200

Inverse Universe

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



3B66DC



1F5BFF



5E3BDC



63666E



002EAD



000C2E

Previews

White Background



This preview shows how the Hex color DCB13B looks on a white background.

Color Contrast Check

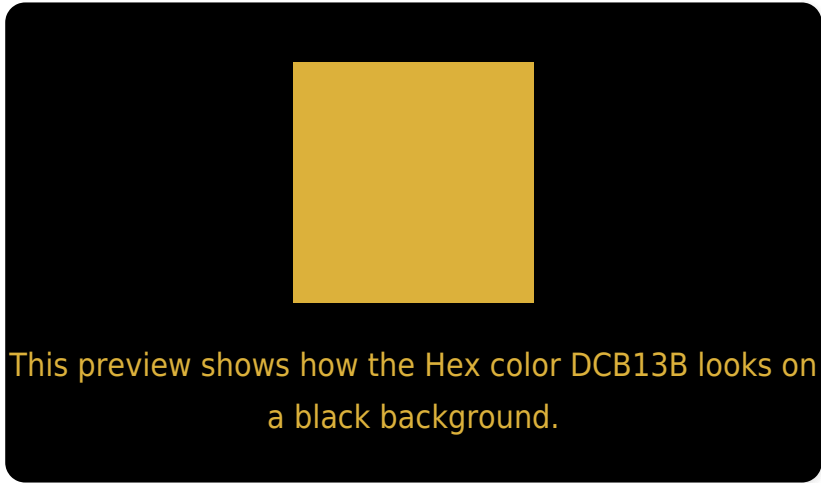
Large Text (above 18pt) WCAG AA × Fail

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 DCB13B Background



This preview shows how black text looks on a background with the Hex color DCB13B.

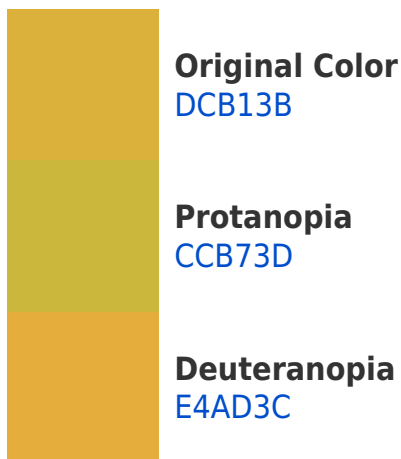


This preview shows how white text looks on a background with the Hex color DCB13B.

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](#).

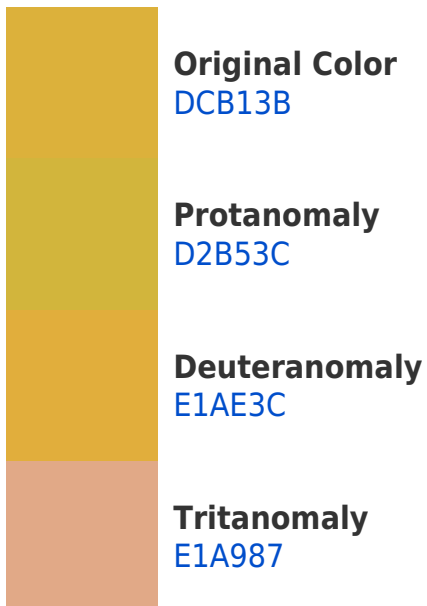
Dichromacy



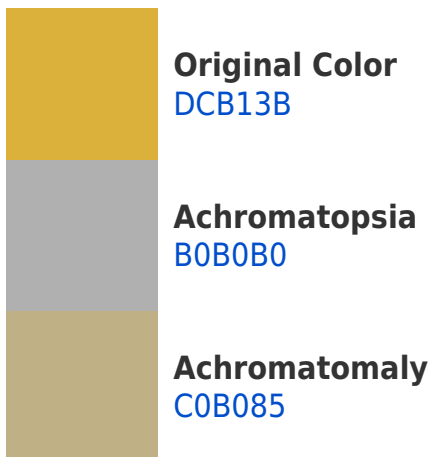


Tritanopia
E4A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DCB13B 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 #DCB13B looks like.

```
.text, #text, p{  
    color:#DCB13B  
}
```

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 #DCB13B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCB13B
}
```

Border

The CSS property to change the border of an element to Hex DCB13B 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
#DCB13B }
```

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

```
.border{ border-color:#DCB13B }
```

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

Here you see how a box with a 4 pixel #DCB13B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCB13B; -webkit-box-shadow:4px 4px  
4px 4px #DCB13B; box-shadow:4px 4px 4px  
4px #DCB13B }
```

Background

The CSS property to change the background color of an element to Hex DCB13B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCB13B }
```

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

```
.background{ background-color:#DCB13B }
```

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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