

Converting Colors

Hex(DCBA50)

Have a look what the booklet for
Hex(DCBA50) contains.

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Color

Hex(DCBA50)

Conversions

Conversions Part 1

Format	Color
Hex	DCBA50
RGB	220, 186, 80
RGB Percent	86%, 73%, 31%
CMY	0.1373, 0.2706, 0.6863
CMYK	0.00, 0.15, 0.64, 0.14
HSL	45°, 67%, 59%
HSV	45°, 64%, 86%
XYZ	48.5221, 50.9126, 14.8592
YIQ	184.0820, 54.2900, -25.7580

Conversions

Conversions Part 2

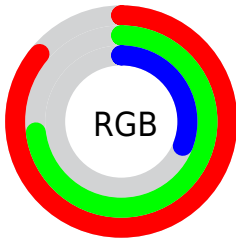
Format	Color
RYB	125, 220, 80
Decimal	14465616
CIELab	76.63, 0.36, 56.73
CIELCh	77, 56.732, 89.636
Yxy	50.9126, 0.4245, 0.4455
Android (android.graphics.Color)	4292655696 (0xFFDCBA50)
YUV	184.0820, -51.3124, 31.5001
Hunter-Lab	71.3531, -3.4830, 37.6001

Details

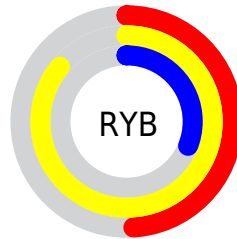
The Hex color **DCBA50** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **5072DC**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFF285**, and **A28518** is the 20% darker color. If you saturate the color by 10%, you get **DCB53A**, and if you desaturate by 10%, it is **DCBF66**.

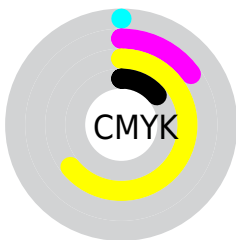
Distribution



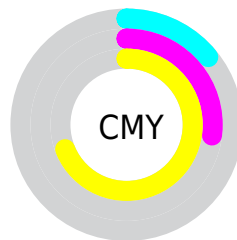
- Red (86%)
- Green (73%)
- Blue (31%)



- Red (49%)
- Yellow (86%)
- Blue (31%)



- Cyan (0%)
- Magenta (15%)
- Yellow (64%)
- Black (14%)



- Cyan (14%)
- Magenta (27%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCBA50 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 DCBA50 by changing the saturation by 10% instead.

 DCBA50

 DCBA50

FFFFFF

 BF9F35

 FFF285

 A28518

 FFFFA1

 856C00

 FFFFBC

 6A5400

 FFFFFD9

 4F3D00

 FFFFF6

 342800

 1C1400

 000000

 DCBA50

 DCBA50

 DCB53A

 DCBF66

 DCAF24

 DCC57C

 DCAA0E

 DCCA92

 DCA700

 DCCFA8

 DCD5BE

 DCDAD4

 DCDFEA

 DCE5FF

 DCEAFF

Harmonies

Analogous

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



FFA763



DCBA50



A7C95E

Triad

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



DCBA50



00D7EF



FD9BF3

Complementary

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



DCBA50



5072DC

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.



BFB0FF



DCBA50



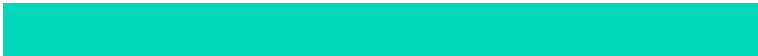
00D0FF

Square

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



DCBA50



00D7BB



56C3FF



FF90C0

Rectangle

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



DCBA50



7CD076



56C3FF



ECA2FF

Sweetspot

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



DCBA50



FFF3CF



DC5073



807862



000000



808080

Same Dimension

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



DCBA50



FFD03D



B9DC50



6E6B63



AD8300



2E2300

Inverse Universe

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



5072DC



3D6CFF



7350DC



63656E



002AAD



000B2E

Previews

White Background



This preview shows how the Hex color DCBA50 looks on a white background.

Color Contrast Check

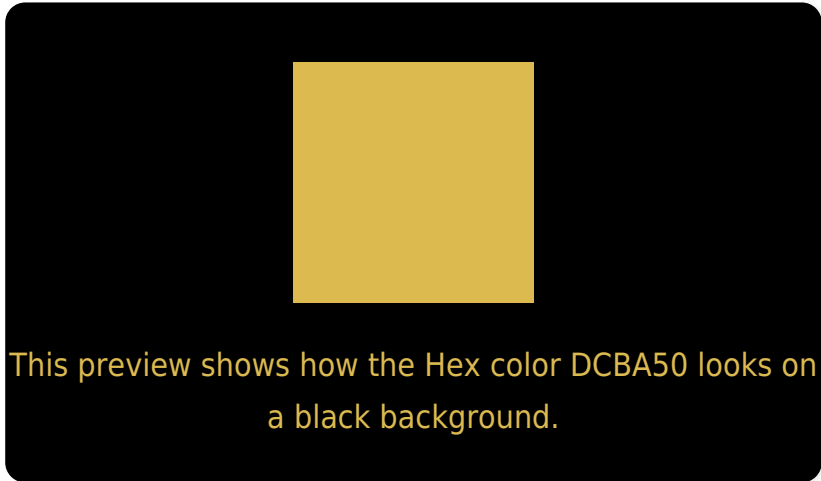
Large Text (above 18pt) WCAG AA × Fail

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 DCBA50 Background



This preview shows how black text looks on a background with the Hex color DCBA50.



This preview shows how white text looks on a background with the Hex color DCBA50.

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
DCBA50

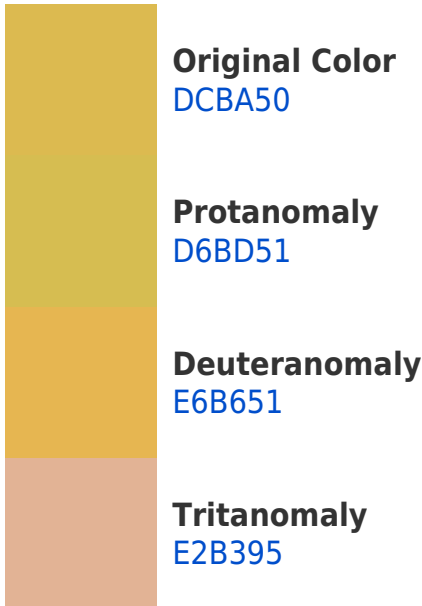
Protanopia
D2BE51

Deuteranopia
EBB452



Tritanopia
E5AFBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DCBA50 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 #DCBA50 looks like.

```
.text, #text, p{  
    color:#DCBA50  
}
```

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 #DCBA50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCBA50
}
```

Border

The CSS property to change the border of an element to Hex DCBA50 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
#DCBA50 }
```

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

```
.border{ border-color:#DCBA50 }
```

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

Here you see how a box with a 4 pixel #DCBA50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCBA50; -webkit-box-shadow:4px 4px  
4px 4px #DCBA50; box-shadow:4px 4px 4px  
4px #DCBA50 }
```

Background

The CSS property to change the background color of an element to Hex DCBA50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCBA50 }
```

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

```
.background{ background-color:#DCBA50 }
```

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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