

Converting Colors

Hex(DCA76A)

Have a look what the booklet for
Hex(DCA76A) contains.

Hex(DCA76A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DCA76A)

Conversions

Conversions Part 1

Format	Color
Hex	DCA76A
RGB	220, 167, 106
RGB Percent	86%, 65%, 42%
CMY	0.1373, 0.3451, 0.5843
CMYK	0.00, 0.24, 0.52, 0.14
HSL	32°, 62%, 64%
HSV	32°, 52%, 86%
XYZ	45.9354, 43.8937, 19.6869
YIQ	175.8930, 51.1690, -7.7350

Conversions

Conversions Part 2

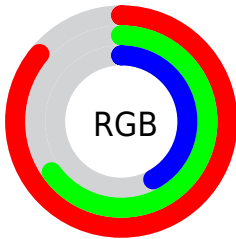
Format	Color
R_{YB}	205, 220, 106
Decimal	14460778
CIE Lab	72.16, 12.39, 38.90
CIE LCh	72, 40.828, 72.333
Yxy	43.8937, 0.4194, 0.4008
Android (android.graphics.Color)	4292650858 (0xFFDCA76A)
YUV	175.8930, -34.4572, 38.6818
Hunter-Lab	66.2523, 7.8198, 28.7585

Details

The Hex color **DCA76A** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6A9FDC**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFDE9E**, and **A27339** is the 20% darker color. If you saturate the color by 10%, you get **DC9D54**, and if you desaturate by 10%, it is **DCB180**.

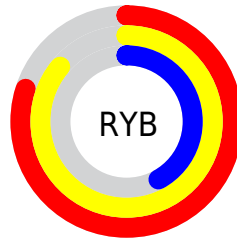
Distribution



Red (86%)

Green (65%)

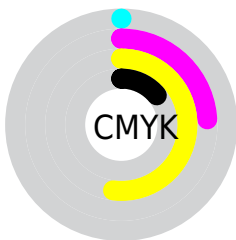
Blue (42%)



Red (80%)

Yellow (86%)

Blue (42%)

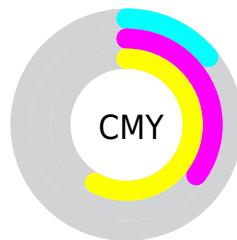


Cyan (0%)

Magenta (24%)

Yellow (52%)

Black (14%)



Cyan (14%)

Magenta (35%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCA76A 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 DCA76A by changing the saturation by 10% instead.

 DCA76A

 DCA76A

FFFFFF

 BF8D51

 FFDE9E

 A27339

 FFFBBA

 865B21

 FFFFFD6

 6B4307

 FFFFF2

 512D00

 361800

 1F0000

 000000

 DCA76A

 DCA76A

 DC9D54

 DCB180

 DC933E

 DCBB96

 DC8828

 DCC6AC

 DC7E12

 DCD0C2

 DC7600

 DCDAD8

 DCE4EE

 DCEFFF

 DCF9FF

 DCFFFF

Harmonies

Analogous

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



F39B80



DCA76A



BAB467

Triad

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



DCA76A



1EC5C0



C9A2E8

Complementary

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



DCA76A



6A9FDC

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.



93AFFA



DCA76A



00C2E2

Square

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



DCA76A



61C399



4EBBF7



EC96C8

Rectangle

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



DCA76A



9FBB70



4EBBF7



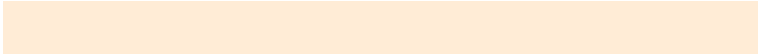
B9A6F0

Sweetspot

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



DCA76A



FFECD6



DC6A9F



807467



000000



808080

Same Dimension

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



DCA76A



FFB561



D8DC6A



6E6963



AD5D00



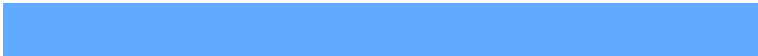
2E1900

Inverse Universe

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



6A9FDC



61AAFF



6E6ADC



63686E



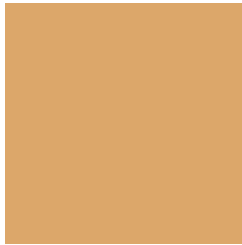
0051AD



00152E

Previews

White Background



This preview shows how the Hex color DCA76A looks on a white background.

Color Contrast Check

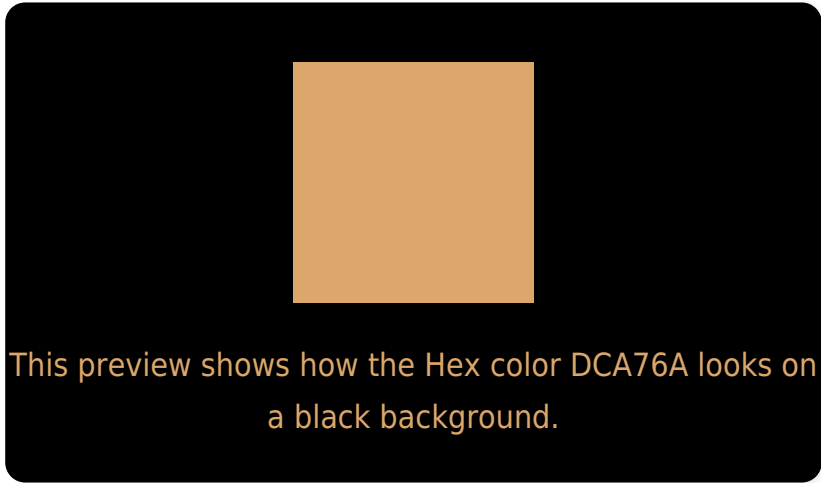
Large Text (above 18pt) WCAG AA × Fail

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 DCA76A Background



This preview shows how black text looks on a background with the Hex color DCA76A.



This preview shows how white text looks on a background with the Hex color DCA76A.

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

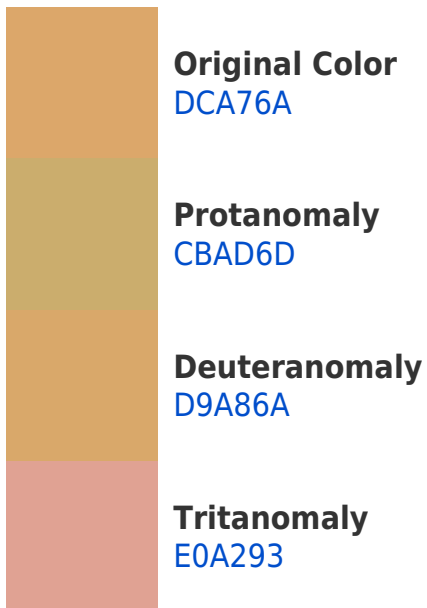


Original Color
DCA76A

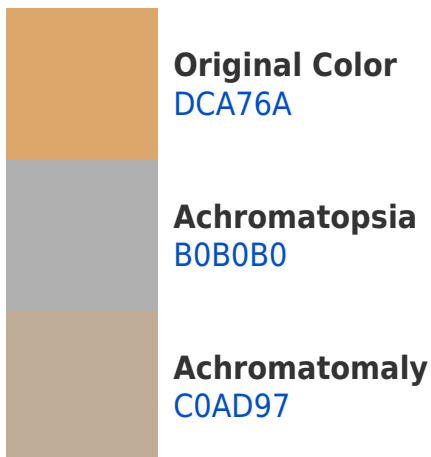
Protanopia
C1B16E

Deuteranopia
D7A96A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DCA76A 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 #DCA76A looks like.

```
.text, #text, p{  
    color:#DCA76A  
}
```

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 #DCA76A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCA76A
}
```

Border

The CSS property to change the border of an element to Hex DCA76A 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
#DCA76A }
```

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

```
.border{ border-color:#DCA76A }
```

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

Here you see how a box with a 4 pixel #DCA76A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCA76A; -webkit-box-shadow:4px 4px  
4px 4px #DCA76A; box-shadow:4px 4px 4px  
4px #DCA76A }
```

Background

The CSS property to change the background color of an element to Hex DCA76A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCA76A }
```

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

```
.background{ background-color:#DCA76A }
```

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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