

Converting Colors

Hex(DC6E0A)

Have a look what the booklet for
Hex(DC6E0A) contains.

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Color

Hex(DC6E0A)

Conversions

Conversions Part 1

Format	Color
Hex	DC6E0A
RGB	220, 110, 10
RGB Percent	86%, 43%, 4%
CMY	0.1373, 0.5686, 0.9608
CMYK	0.00, 0.50, 0.95, 0.14
HSL	29°, 91%, 45%
HSV	29°, 95%, 86%
XYZ	35.1459, 26.3894, 3.5284
YIQ	131.4900, 97.6600, -7.7800

Conversions

Conversions Part 2

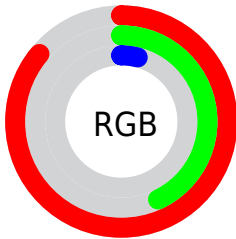
Format	Color
R_{YB}	220, 201, 10
Decimal	14446090
CIE Lab	58.40, 38.17, 64.52
CIE LCh	58, 74.966, 59.392
Yxy	26.3894, 0.5402, 0.4056
Android (android.graphics.Color)	4292636170 (0xFFDC6E0A)
YUV	131.4900, -59.8946, 77.6233
Hunter-Lab	51.3706, 32.2246, 31.8871

Details

The Hex color **DC6E0A** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **0A78DC**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FFA347**, and **9E3B00** is the 20% darker color. If you saturate the color by 10%, you get **DC6900**, and if you desaturate by 10%, it is **DC7A20**.

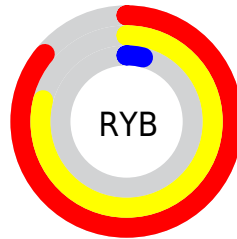
Distribution



Red (86%)

Green (43%)

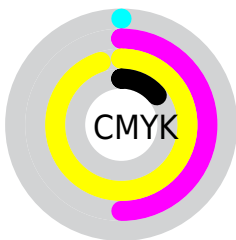
Blue (4%)



Red (86%)

Yellow (79%)

Blue (4%)

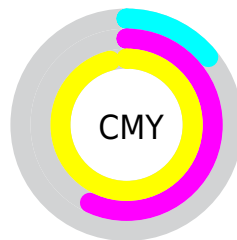


Cyan (0%)

Magenta (50%)

Yellow (95%)

Black (14%)



Cyan (14%)

Magenta (57%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC6E0A 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 DC6E0A by changing the saturation by 10% instead.

 DC6E0A

 DC6E0A

FFFFFF

 BD5400

 FFA347

 9E3B00

 FFBF62

 7F2200

 FFDB7D

 610400

 FFF898

 440000

 FFFFB4

 2C0001

 FFFFD0

 000000

 FFFFED

 DC6E0A

 DC6E0A

■ DC6900

■ DC7A20

■ DC8536

■ DC914C

■ DC9C62

■ DCA878

■ DCB38E

■ DCBFA4

■ DCCABA

■ DCD6D0

Harmonies

Analogous

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



FA4E50



DC6E0A



AA8900

Triad

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



DC6E0A



00A989



837BFF

Complementary

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



DC6E0A



0A78DC

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.



0095FF



DC6E0A



00A9CB

Square

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



DC6E0A



00A544



00A4FE



D859D0

Rectangle

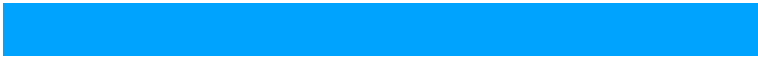
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DC6E0A



819600



00A4FE



4E85FF

Sweetspot

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



DC6E0A



FFD8B5



DC0A7A



806853



000000



808080

Same Dimension

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



DC6E0A



FF7900



DCD50A



6E6863



AD5300



2E1600

Inverse Universe

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



0A78DC



0086FF



0A11DC



63686E



005BAD



00182E

Previews

White Background



This preview shows how the Hex color DC6E0A looks on a white background.

Color Contrast Check

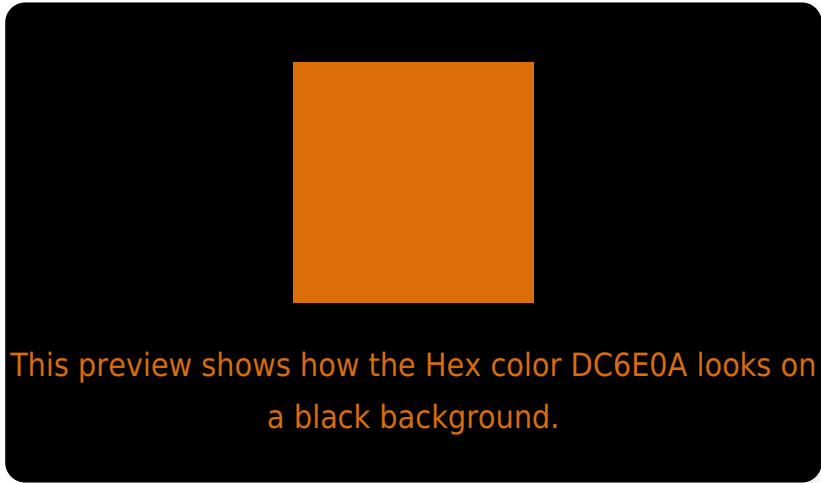
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex DC6E0A Background



This preview shows how black text looks on a background with the Hex color DC6E0A.



This preview shows how white text looks on a background with the Hex color DC6E0A.

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
DC6E0A

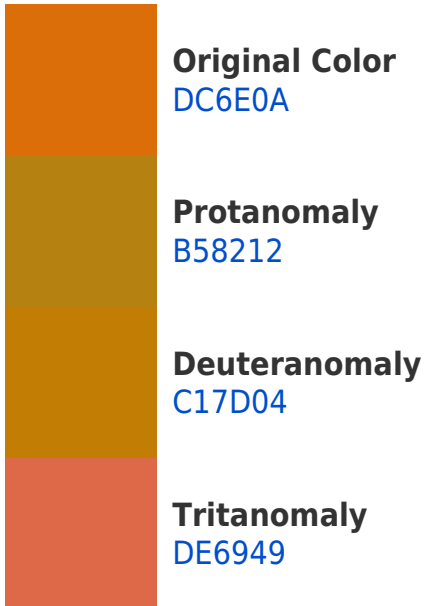
Protanopia
9F8D16

Deuteranopia
B28600



Tritanopia
DF666D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DC6E0A 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 #DC6E0A looks like.

```
.text, #text, p{  
    color:#DC6E0A  
}
```

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 #DC6E0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC6E0A
}
```

Border

The CSS property to change the border of an element to Hex DC6E0A 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
#DC6E0A }
```

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

```
.border{ border-color:#DC6E0A }
```

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

Here you see how a box with a 4 pixel #DC6E0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC6E0A; -webkit-box-shadow:4px 4px  
4px 4px #DC6E0A; box-shadow:4px 4px 4px  
4px #DC6E0A }
```

Background

The CSS property to change the background color of an element to Hex DC6E0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC6E0A }
```

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

```
.background{ background-color:#DC6E0A }
```

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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