

Converting Colors

Hex(D66E06)

Have a look what the booklet for
Hex(D66E06) contains.

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Color

Hex(D66E06)

Conversions

Conversions Part 1

Format	Color
Hex	D66E06
RGB	214, 110, 6
RGB Percent	84%, 43%, 2%
CMY	0.1608, 0.5686, 0.9765
CMYK	0.00, 0.49, 0.97, 0.16
HSL	30°, 95%, 43%
HSV	30°, 97%, 84%
XYZ	33.3404, 25.4612, 3.3296
YIQ	129.2400, 95.3680, -10.2960

Conversions

Conversions Part 2

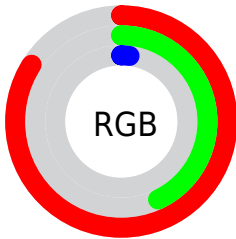
Format	Color
R _Y B	214, 214, 6
Decimal	14052870
CIE Lab	57.52, 35.72, 64.22
CIE LCh	58, 73.486, 60.916
Yxy	25.4612, 0.5366, 0.4098
Android (android.graphics.Color)	4292242950 (0xFFD66E06)
YUV	129.2400, -60.7573, 74.3345
Hunter-Lab	50.4590, 29.6389, 31.4091

Details

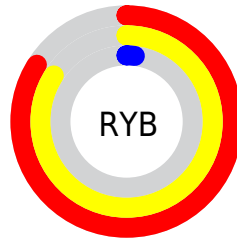
The Hex color **D66E06** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **066ED6**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FFA345**, and **983C00** is the 20% darker color. If you saturate the color by 10%, you get **D66B00**, and if you desaturate by 10%, it is **D6791B**.

Distribution



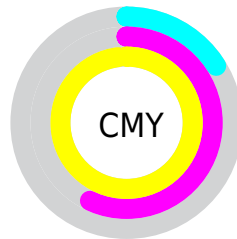
- Red (84%)
- Green (43%)
- Blue (2%)



- Red (84%)
- Yellow (84%)
- Blue (2%)



- Cyan (0%)
- Magenta (49%)
- Yellow (97%)
- Black (16%)



- Cyan (16%)
- Magenta (57%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color D66E06 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 D66E06 by changing the saturation by 10% instead.

 D66E06

 D66E06

FFFFFF

 B75500

 FFA345

 983C00

 FFBE60

 7A2300

 FFDA7B

 5C0700

 FFF796

 400000

 FFFFB2

 260001

 FFFFCE

 000000

 FFFFEB

 D66E06

 D66E06

 D66B00

 D6791B

 D68331

 D68E46

 D6995C

 D6A371

 D6AE86

 D6B99C

 D6C4B1

 D6CEC7

Harmonies

Analogous

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



F54F4C



D66E06



A58800

Triad

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



D66E06



00A68A



8778F9

Complementary

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



D66E06



066ED6

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.



0092FF



D66E06



00A6CB

Square

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



D66E06



00A247



00A0FA



D756CA

Rectangle

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



D66E06



7C9400



00A0FA



5882FF

Sweetspot

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



D66E06



FFDAB5



D6066E



806953



000000



808080

Same Dimension

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



D66E06



FF8000



D6D606



6B6660



AB5500



2B1600

Inverse Universe

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



066ED6



0080FF



0606D6



60666B



0055AB



00162B

Previews

White Background



This preview shows how the Hex color D66E06 looks on a white background.

Color Contrast Check

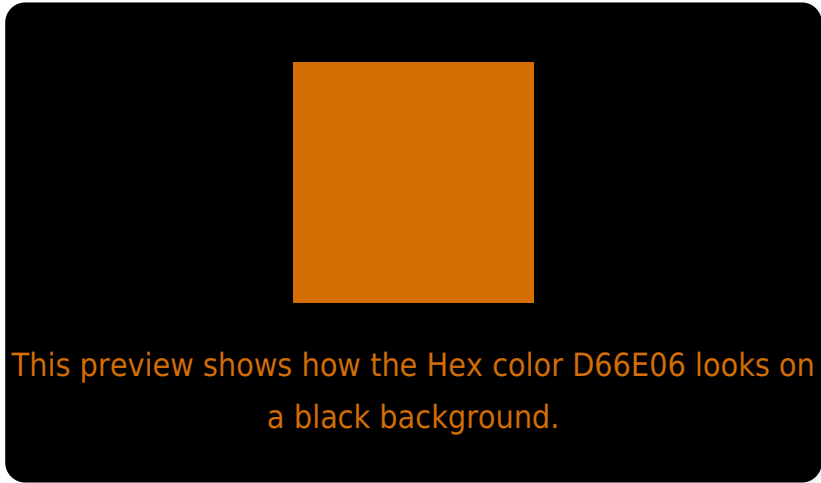
Large Text (above 18pt) WCAG AA ✓ Pass

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 D66E06 Background



This preview shows how black text looks on a background with the Hex color D66E06.



This preview shows how white text looks on a background with the Hex color D66E06.

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
D66E06

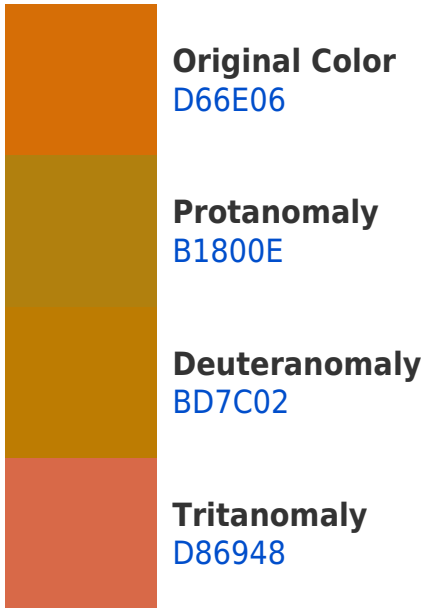
Protanopia
9C8B13

Deuteranopia
AF8400

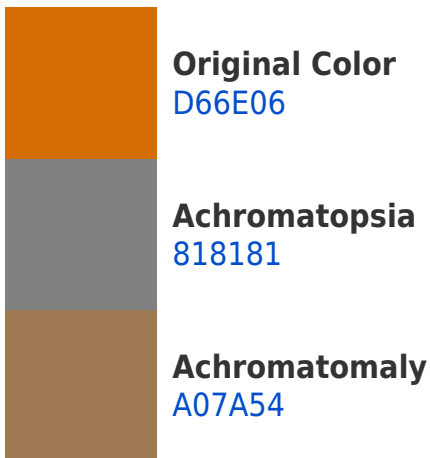


Tritanopia
D9666D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D66E06 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 #D66E06 looks like.

```
.text, #text, p{  
    color:#D66E06  
}
```

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 #D66E06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D66E06
}
```

Border

The CSS property to change the border of an element to Hex D66E06 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
#D66E06 }
```

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

```
.border{ border-color:#D66E06 }
```

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

Here you see how a box with a 4 pixel #D66E06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D66E06; -webkit-box-shadow:4px 4px  
4px 4px #D66E06; box-shadow:4px 4px 4px  
4px #D66E06 }
```

Background

The CSS property to change the background color of an element to Hex D66E06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D66E06 }
```

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

```
.background{ background-color:#D66E06 }
```

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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