

Converting Colors

Hex(D66205)

Have a look what the booklet for
Hex(D66205) contains.

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Color

Hex(D66205)

Conversions

Conversions Part 1

Format	Color
Hex	D66205
RGB	214, 98, 5
RGB Percent	84%, 38%, 2%
CMY	0.1608, 0.6157, 0.9804
CMYK	0.00, 0.54, 0.98, 0.16
HSL	27°, 95%, 43%
HSV	27°, 98%, 84%
XYZ	32.1266, 23.0425, 2.8980
YIQ	122.0820, 98.9890, -4.3310

Conversions

Conversions Part 2

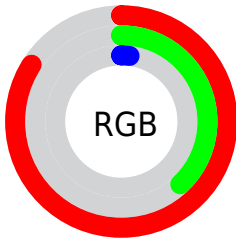
Format	Color
RYB	214, 173, 5
Decimal	14049797
CIELab	55.12, 41.76, 62.90
CIELCh	55, 75.500, 56.420
Yxy	23.0425, 0.5533, 0.3968
Android (android.graphics.Color)	4292239877 (0xFFD66205)
YUV	122.0820, -57.7214, 80.6121
Hunter-Lab	48.0026, 35.4600, 30.0224

Details

The Hex color **D66205** 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 **0579D6**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF9743**, and **982F00** is the 20% darker color. If you saturate the color by 10%, you get **D65F00**, and if you desaturate by 10%, it is **D66E1A**.

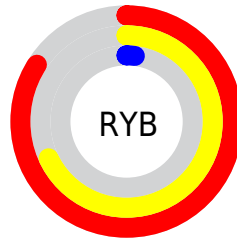
Distribution



Red (84%)

Green (38%)

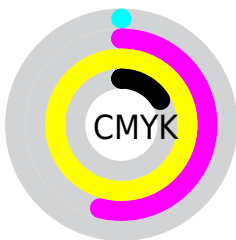
Blue (2%)



Red (84%)

Yellow (68%)

Blue (2%)

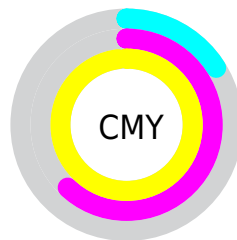


Cyan (0%)

Magenta (54%)

Yellow (98%)

Black (16%)



Cyan (16%)

Magenta (62%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color D66205 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 D66205 by changing the saturation by 10% instead.

 D66205

 D66205

FFFFFF

 B64800

 FF9743

 982F00

 FFB25D

 791200

 FFCF78

 5B0000

 FFE893

 3F0000

 FFFF8E

 220001

 FFFF8E

 000000

 FFFF8E

 D66205

 D66205

 D65F00

 D66E1A

 D67A30

 D68645

 D6925B

 D69D70

 D6A985

 D6B59B

 D6C1B0

 D6CDC6

Harmonies

Analogous

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



F23F4E



D66205



A67F00

Triad

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



D66205



00A07A



6B76FA

Complementary

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



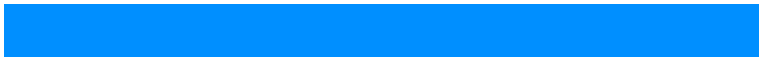
D66205



0579D6

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.



008FFF



D66205



00A0BD

Square

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



D66205



009B35



009CF1



C953CD

Rectangle

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



D66205



7E8C00



009CF1



1B80FF

Sweetspot

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



D66205



FFD6B5



D6057B



806753



000000



808080

Same Dimension

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



D66205



FF7100



D6C805



6B6560



AB4C00



2B1300

Inverse Universe

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



0579D6



008EFF



0513D6



60666B



005FAB



00182B

Previews

White Background



This preview shows how the Hex color D66205 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 D66205 Background



This preview shows how black text looks on a background with the Hex color D66205.



This preview shows how white text looks on a background with the Hex color D66205.

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
D66205

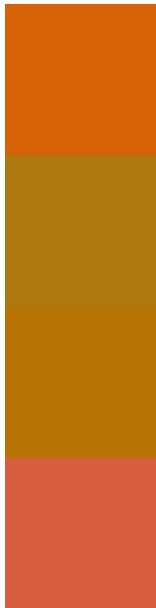
Protanopia
958514

Deuteranopia
A77E00



Tritanopia
D95B61

Trichromacy



Original Color
D66205

Protanomaly
AD780F

Deuteranomaly
B87402

Tritanomaly
D85E40

Monochromacy



Original Color
D66205

Achromatopsia
7A7A7A

Achromatomaly
9B714F

CSS Examples

Text

The CSS property to change the color of the text to Hex D66205 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 #D66205 looks like.

```
.text, #text, p{  
    color:#D66205  
}
```

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 #D66205 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D66205
}
```

Border

The CSS property to change the border of an element to Hex D66205 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
#D66205 }
```

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

```
.border{ border-color:#D66205 }
```

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

Here you see how a box with a 4 pixel #D66205 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D66205; -webkit-box-shadow:4px 4px  
4px 4px #D66205; box-shadow:4px 4px 4px  
4px #D66205 }
```

Background

The CSS property to change the background color of an element to Hex D66205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D66205 }
```

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

```
.background{ background-color:#D66205 }
```

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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