

Converting Colors

Hex(D58206)

Have a look what the booklet for
Hex(D58206) contains.

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Color

Hex(D58206)

Conversions

Conversions Part 1

Format	Color
Hex	D58206
RGB	213, 130, 6
RGB Percent	84%, 51%, 2%
CMY	0.1647, 0.4902, 0.9765
CMYK	0.00, 0.39, 0.97, 0.16
HSL	36°, 95%, 43%
HSV	36°, 97%, 84%
XYZ	35.4561, 30.1245, 4.1182
YIQ	140.6810, 89.2720, -20.9680

Conversions

Conversions Part 2

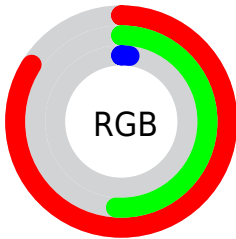
Format	Color
RYB	145, 213, 6
Decimal	13992454
CIELab	61.76, 24.75, 66.94
CIELCh	62, 71.367, 69.706
Yxy	30.1245, 0.5087, 0.4322
Android (android.graphics.Color)	4292182534 (0xFFD58206)
YUV	140.6810, -66.3977, 63.4238
Hunter-Lab	54.8858, 19.2602, 33.9715

Details

The Hex color **D58206** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **0659D5**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFB749**, and **985000** is the 20% darker color. If you saturate the color by 10%, you get **D58000**, and if you desaturate by 10%, it is **D58B1B**.

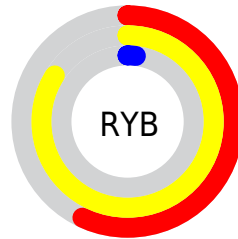
Distribution



Red (84%)

Green (51%)

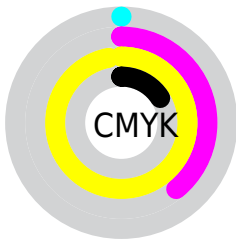
Blue (2%)



Red (57%)

Yellow (84%)

Blue (2%)

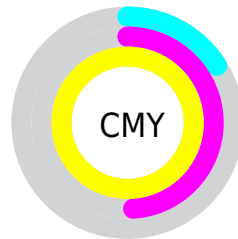


Cyan (0%)

Magenta (39%)

Yellow (97%)

Black (16%)



Cyan (16%)

Magenta (49%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color D58206 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 D58206 by changing the saturation by 10% instead.

 D58206

 D58206

FFFFFF

 B66900

 FFB749

 985000

 FFD364

 7A3900

 FFEF7F

 5D2200

 FFFF9B

 410C00

 FFFFB7

 290000

 FFFFD3

 000000

 FFFFF1

 D58206

 D58206

 D58000

 D58B1B

 D59331

 D59C46

 D5A45B

 D5AD71

 D5B586

 D5BE9B

 D5C6B0

 D5CFC6

Harmonies

Analogous

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



FA6647



D58206



A09900

Triad

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



D58206



00B2A9



B17BF7

Complementary

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



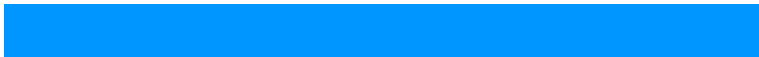
D58206



0659D5

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.



0096FF



D58206



00B0E5

Square

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



D58206



00AF67



00A8FF



EF5DC2

Rectangle

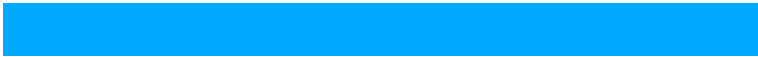
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D58206



74A30C



00A8FF



9085FF

Sweetspot

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



D58206



FFE1B5



D5065C



806E53



000000



808080

Same Dimension

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



D58206



FF9900



C4D506



6B6760



AB6600



2B1A00

Inverse Universe

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



0659D5



0066FF



1706D5



60656B



0045AB



00112B

Previews

White Background



This preview shows how the Hex color D58206 looks on a white background.

Color Contrast Check

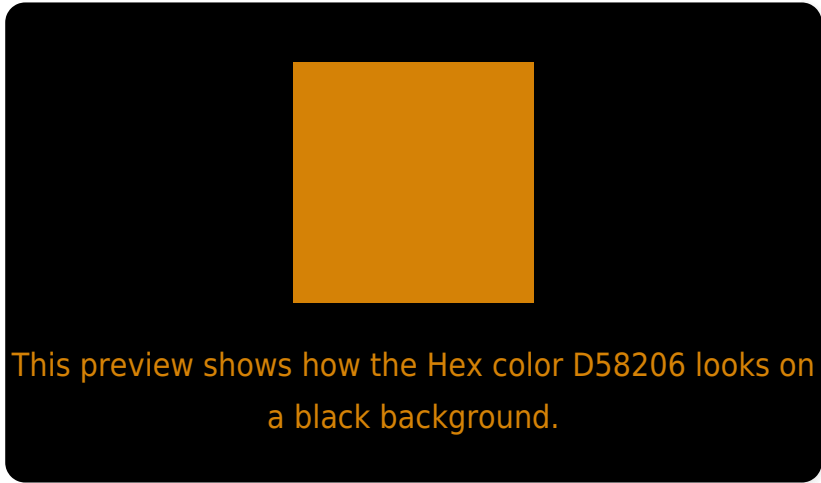
Large Text (above 18pt) WCAG AA × Fail

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 D58206 Background



This preview shows how black text looks on a background with the Hex color D58206.



This preview shows how white text looks on a background with the Hex color D58206.

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
D58206

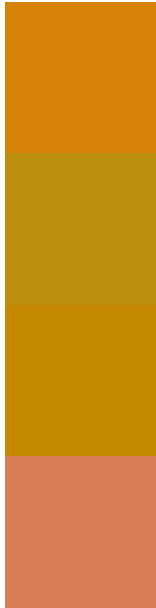
Protanopia
A99611

Deuteranopia
BD8E00



Tritanopia
DA7982

Trichromacy



Original Color
D58206

Protanomaly
B98F0D

Deuteranomaly
C68A02

Tritanomaly
D87C55

Monochromacy



Original Color
D58206

Achromatopsia
8D8D8D

Achromatomaly
A7895C

CSS Examples

Text

The CSS property to change the color of the text to Hex D58206 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 #D58206 looks like.

```
.text, #text, p{  
    color:#D58206  
}
```

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 #D58206 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D58206
}
```

Border

The CSS property to change the border of an element to Hex D58206 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
#D58206 }
```

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

```
.border{ border-color:#D58206 }
```

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

Here you see how a box with a 4 pixel #D58206 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D58206; -webkit-box-shadow:4px 4px  
4px 4px #D58206; box-shadow:4px 4px 4px  
4px #D58206 }
```

Background

The CSS property to change the background color of an element to Hex D58206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D58206 }
```

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

```
.background{ background-color:#D58206 }
```

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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