

Converting Colors

Hex(D18006)

Have a look what the booklet for
Hex(D18006) contains.

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Color

Hex(D18006)

Conversions

Conversions Part 1

Format	Color
Hex	D18006
RGB	209, 128, 6
RGB Percent	82%, 50%, 2%
CMY	0.1804, 0.4980, 0.9765
CMYK	0.00, 0.39, 0.97, 0.18
HSL	36°, 94%, 42%
HSV	36°, 97%, 82%
XYZ	34.0465, 29.0068, 3.9767
YIQ	138.3110, 87.4380, -20.7700

Conversions

Conversions Part 2

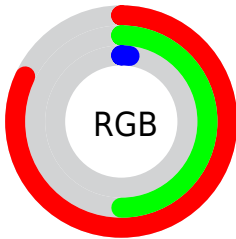
Format	Color
R_{YB}	141, 209, 6
Decimal	13729798
CIE _{Lab}	60.79, 24.12, 66.04
CIE _{LCh}	61, 70.302, 69.937
Yxy	29.0068, 0.5079, 0.4327
Android (android.graphics.Color)	4291919878 (0xFFD18006)
YUV	138.3110, -65.2293, 61.9943
Hunter-Lab	53.8580, 18.5881, 33.3228

Details

The Hex color **D18006** 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 **0657D1**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFB548**, and **944E00** is the 20% darker color. If you saturate the color by 10%, you get **D17E00**, and if you desaturate by 10%, it is **D1881B**.

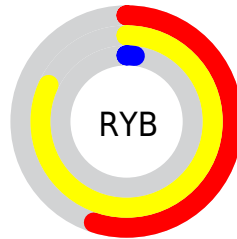
Distribution



Red (82%)

Green (50%)

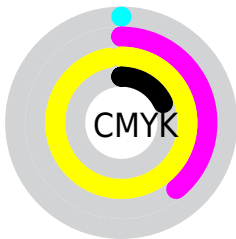
Blue (2%)



Red (55%)

Yellow (82%)

Blue (2%)

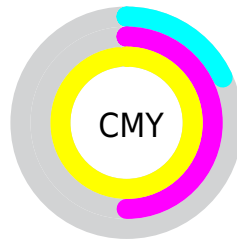


Cyan (0%)

Magenta (39%)

Yellow (97%)

Black (18%)



Cyan (18%)

Magenta (50%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color D18006 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 D18006 by changing the saturation by 10% instead.

 D18006

 D18006

FFFFFF

 B26700

 FF548

 944E00

 FFD163

 763700

 FFED7F

 5A2100

 FFFF9A

 3E0A00

 FFFF86

 270001

 FFFFD3

 000000

 FFFFF0

 D18006

 D18006

■ D17E00

■ D1881B

■ D19130

■ D19945

■ D1A15A

■ D1AA6F

■ D1B283

■ D1BA98

■ D1C3AD

■ D1CBC2

Harmonies

Analogous

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



F56446



D18006



9D9600

Triad

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



D18006



00AFA6



AF78F3

Complementary

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



D18006



0657D1

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.



0093FF



D18006



00ADE1

Square

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



D18006



00AC65



00A5FF



EC5BBF

Rectangle

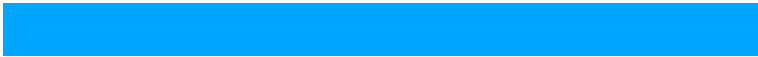
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D18006



72A10E



00A5FF



8F82FF

Sweetspot

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



D18006



FFE1B5



D10657



806E53



000000



808080

Same Dimension

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



D18006



FF9900



BDD106



69645E



A86500



291900

Inverse Universe

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



0657D1



0066FF



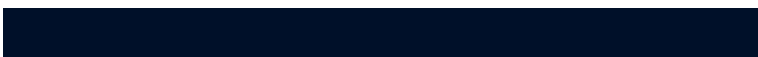
1A06D1



5E6269



0043A8



001029

Previews

White Background



This preview shows how the Hex color D18006 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 D18006 Background



This preview shows how black text looks on a background with the Hex color D18006.



This preview shows how white text looks on a background with the Hex color D18006.

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
D18006

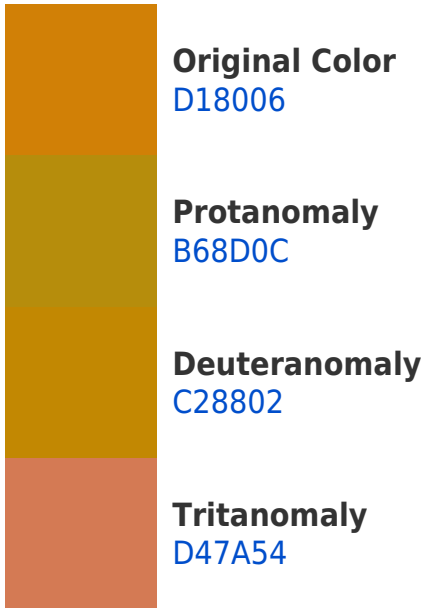
Protanopia
A69410

Deuteranopia
BA8C00

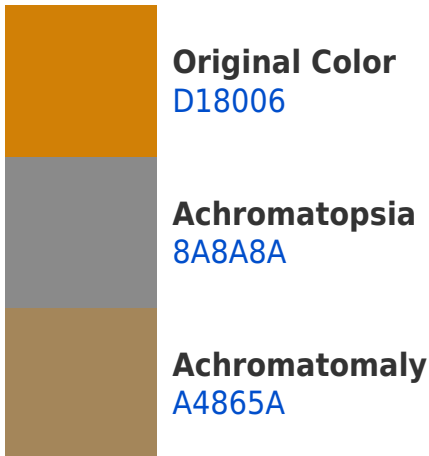


Tritanopia
D67780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D18006 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 #D18006 looks like.

```
.text, #text, p{  
    color:#D18006  
}
```

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 #D18006 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D18006  
}
```

Border

The CSS property to change the border of an element to Hex D18006 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  
#D18006 }
```

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

```
.border{ border-color:#D18006 }
```

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

Here you see how a box with a 4 pixel #D18006 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D18006; -webkit-box-shadow:4px 4px  
4px 4px #D18006; box-shadow:4px 4px 4px  
4px #D18006 }
```

Background

The CSS property to change the background color of an element to Hex D18006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D18006 }
```

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

```
.background{ background-color:#D18006 }
```

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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