

Converting Colors

Hex(D32806)

Have a look what the booklet for
Hex(D32806) contains.

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Color

Hex(D32806)

Conversions

Conversions Part 1

Format	Color
Hex	D32806
RGB	211, 40, 6
RGB Percent	83%, 16%, 2%
CMY	0.1725, 0.8431, 0.9765
CMYK	0.00, 0.81, 0.97, 0.17
HSL	10°, 94%, 43%
HSV	10°, 97%, 83%
XYZ	27.6556, 15.3796, 1.6832
YIQ	87.2530, 112.8300, 25.6780

Conversions

Conversions Part 2

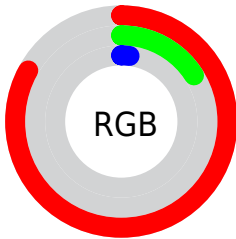
Format	Color
RYB	211, 47, 6
Decimal	13838342
CIELab	46.15, 63.44, 57.33
CIELCh	46, 85.505, 42.107
Yxy	15.3796, 0.6184, 0.3439
Android (android.graphics.Color)	4292028422 (0xFFD32806)
YUV	87.2530, -40.0577, 108.5261
Hunter-Lab	39.2169, 57.2483, 24.9070

Details

The Hex color **D32806** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **06B1D3**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF663C**, and **920000** is the 20% darker color. If you saturate the color by 10%, you get **D32300**, and if you desaturate by 10%, it is **D33A1B**.

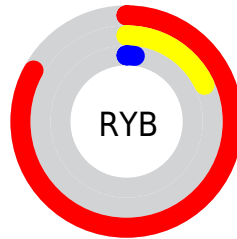
Distribution



Red (83%)

Green (16%)

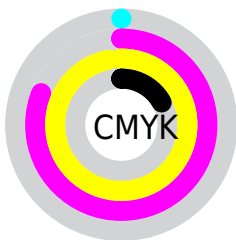
Blue (2%)



Red (83%)

Yellow (18%)

Blue (2%)

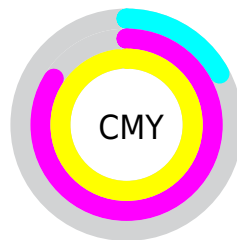


Cyan (0%)

Magenta (81%)

Yellow (97%)

Black (17%)



Cyan (17%)

Magenta (84%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color D32806 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 D32806 by changing the saturation by 10% instead.

 D32806

 D32806

 FFFFF8

 B30000

 FF663C

 920000

 FF8355

 730000

 FF9F6E

 540001

 FFBC88

 370002

 FFDA A3

 0A0000

 FFF7BF

 000000

 FFFFDB

 D32806

 D32806

 D32300

 D33A1B

 D34B30

 D35D45

 D36E5A

 D38070

 D39285

 D3A39A

 D3B5AF

 D3C6C4

Harmonies

Analogous

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



E50054



D32806



A85900

Triad

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



D32806



00873E



006EFC

Complementary

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



D32806



06B1D3

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.



0082F8



D32806



008A8A

Square

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



D32806



008100



0089CD



8F47D9

Rectangle

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



D32806



816D00



0089CD



0076FF

Sweetspot

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



D32806



FFC1B5



D306B4



805A53



000000



808080

Same Dimension

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



D32806



FF2A00



D38B06



69605E



A81C00



290700

Inverse Universe

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



06B1D3



00D5FF



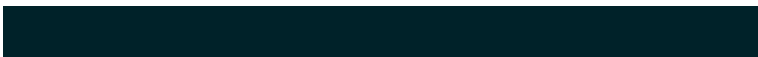
064ED3



5E6769



008CA8



002229

Previews

White Background



This preview shows how the Hex color D32806 looks on a white background.

Color Contrast Check

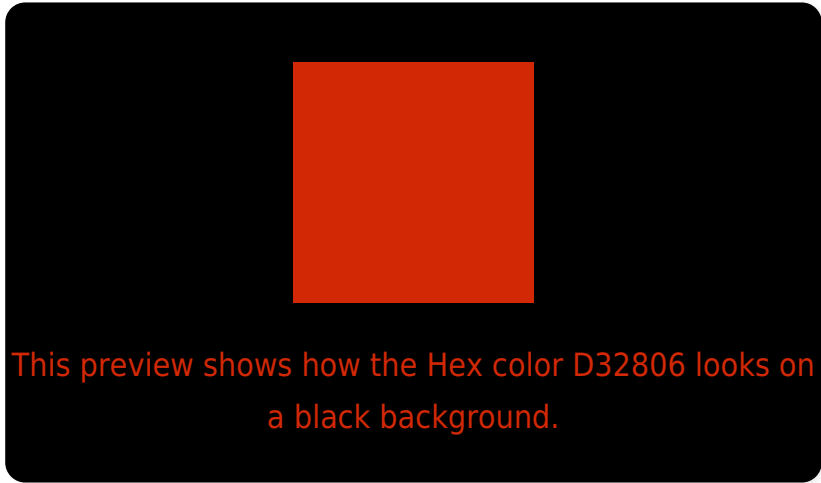
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex D32806 Background



This preview shows how black text looks on a background with the Hex color D32806.



This preview shows how white text looks on a background with the Hex color D32806.

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

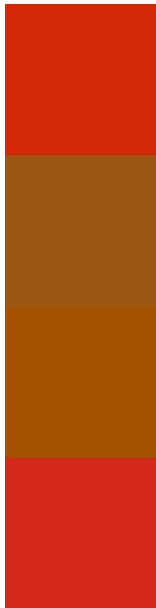


Original Color
D32806

Protanopia
7C6F1A

Deuteranopia
8B6900

Trichromacy



Original Color
D32806

Protanomaly
9C5513

Deuteranomaly
A55102

Tritanomaly
D3271A

Monochromacy



Original Color
D32806

Achromatopsia
575757

Achromatomaly
84463A

CSS Examples

Text

The CSS property to change the color of the text to Hex D32806 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 #D32806 looks like.

```
.text, #text, p{  
    color:#D32806  
}
```

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 #D32806 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D32806
}
```

Border

The CSS property to change the border of an element to Hex D32806 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
#D32806 }
```

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

```
.border{ border-color:#D32806 }
```

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

Here you see how a box with a 4 pixel #D32806 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D32806; -webkit-box-shadow:4px 4px  
4px 4px #D32806; box-shadow:4px 4px 4px  
4px #D32806 }
```

Background

The CSS property to change the background color of an element to Hex D32806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D32806 }
```

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

```
.background{ background-color:#D32806 }
```

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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