

Converting Colors

Hex(DB2806)

Have a look what the booklet for
Hex(DB2806) contains.

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Color

Hex(DB2806)

Conversions

Conversions Part 1

Format	Color
Hex	DB2806
RGB	219, 40, 6
RGB Percent	86%, 16%, 2%
CMY	0.1412, 0.8431, 0.9765
CMYK	0.00, 0.82, 0.97, 0.14
HSL	10°, 95%, 44%
HSV	10°, 97%, 86%
XYZ	30.0051, 16.5908, 1.7932
YIQ	89.6450, 117.5980, 27.3740

Conversions

Conversions Part 2

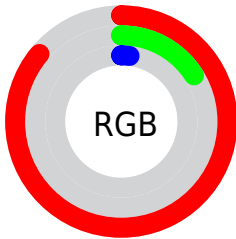
Format	Color
RYB	219, 46, 6
Decimal	14362630
CIELab	47.74, 65.71, 59.01
CIELCh	48, 88.319, 41.927
Yxy	16.5908, 0.6201, 0.3429
Android (android.graphics.Color)	4292552710 (0xFFDB2806)
YUV	89.6450, -41.2370, 113.4443
Hunter-Lab	40.7318, 60.2113, 25.9021

Details

The Hex color **DB2806** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **06B9DB**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF673C**, and **9A0000** is the 20% darker color. If you saturate the color by 10%, you get **DB2300**, and if you desaturate by 10%, it is **DB3A1C**.

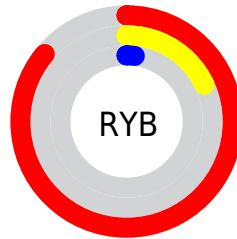
Distribution



Red (86%)

Green (16%)

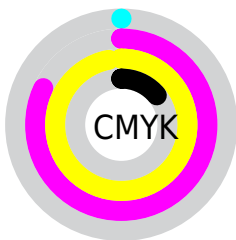
Blue (2%)



Red (86%)

Yellow (18%)

Blue (2%)

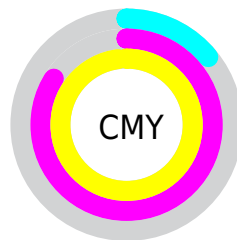


Cyan (0%)

Magenta (82%)

Yellow (97%)

Black (14%)



Cyan (14%)

Magenta (84%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB2806 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 DB2806 by changing the saturation by 10% instead.

 DB2806

 DB2806

 FFFFFFF9

 BA0000

 FF673C

 9A0000

 FF8455

 7A0000

 FFA16F

 5B0001

 FFBE89

 3E0003

 FFDCA4

 1A0001

 FFFAC0

 000000

 FFFFDC

 DB2806

 DB2806

 DB2300

 DB3A1C

 DB4D32

 DB5F48

 DB725E

 DB8473

 DB9689

 DBA99F

 DBBBB5

 DBCECB

Harmonies

Analogous

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



EE0058



DB2806



AE5C00

Triad

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



DB2806



008C3F



0072FF

Complementary

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



DB2806



06B9DB

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.



0087FF



DB2806



008F8E

Square

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



DB2806



008600



008ED5



934AE2

Rectangle

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



DB2806



867000



008ED5



007BFF

Sweetspot

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



DB2806



FFC1B5



DB06BB



805A53



000000



808080

Same Dimension

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



DB2806



FF2900



DB9006



6E6463



AD1C00



2E0700

Inverse Universe

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



06B9DB



00D6FF



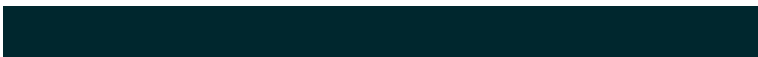
0651DB



636C6E



0092AD



00272E

Previews

White Background



This preview shows how the Hex color DB2806 looks on a white background.

Color Contrast Check

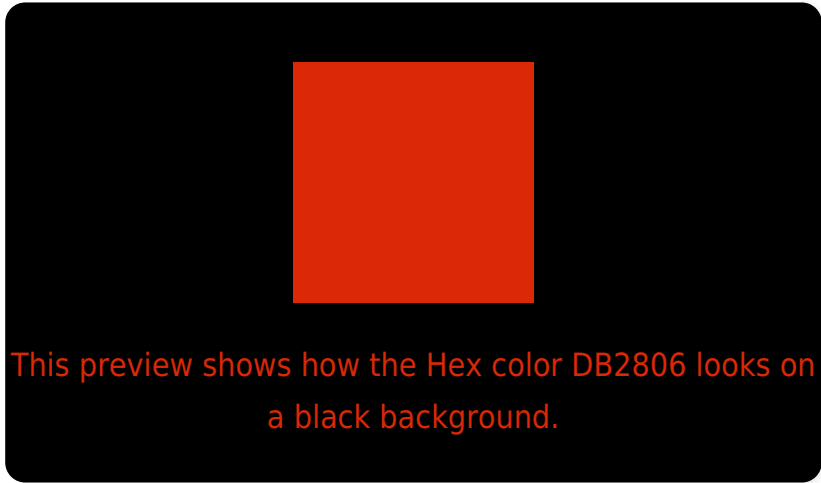
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB2806 Background



This preview shows how black text looks on a background with the Hex color DB2806.



This preview shows how white text looks on a background with the Hex color DB2806.

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

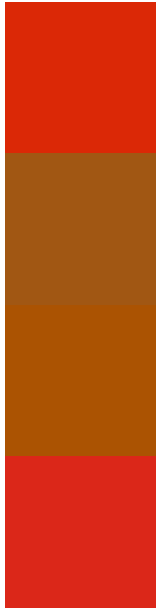


Original Color
DB2806

Protanopia
80721B

Deuteranopia
906C00

Trichromacy



Original Color
DB2806

Protanomaly
A15713

Deuteranomaly
AB5302

Tritanomaly
DB2719

Monochromacy



Original Color
DB2806

Achromatopsia
5A5A5A

Achromatomaly
89483B

CSS Examples

Text

The CSS property to change the color of the text to Hex DB2806 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 #DB2806 looks like.

```
.text, #text, p{  
    color:#DB2806  
}
```

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 #DB2806 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB2806
}
```

Border

The CSS property to change the border of an element to Hex DB2806 is called "border". The border property can be set on classes, ids or directly on the HTML element.

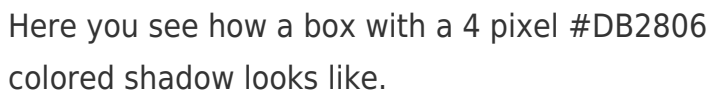
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DB2806 }
```

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

```
.border{ border-color:#DB2806 }
```

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



Here you see how a box with a 4 pixel #DB2806 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB2806; -webkit-box-shadow:4px 4px  
4px 4px #DB2806; box-shadow:4px 4px 4px  
4px #DB2806 }
```

Background

The CSS property to change the background color of an element to Hex DB2806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB2806 }
```

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

```
.background{ background-color:#DB2806 }
```

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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