

Converting Colors

Hex(CD6800)

Have a look what the booklet for
Hex(CD6800) contains.

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Color

Hex(CD6800)

Conversions

Conversions Part 1

Format	Color
Hex	CD6800
RGB	205, 104, 0
RGB Percent	80%, 41%, 0%
CMY	0.1961, 0.5922, 1.0000
CMYK	0.00, 0.49, 1.00, 0.20
HSL	30°, 100%, 40%
HSV	30°, 100%, 80%
XYZ	30.1272, 22.8798, 2.8284
YIQ	122.3430, 93.5800, -10.9320

Conversions

Conversions Part 2

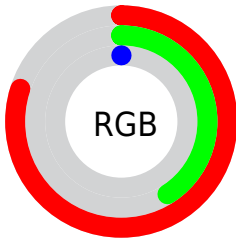
Format	Color
RYB	199, 205, 0
Decimal	13461504
CIELab	54.95, 35.10, 63.09
CIELCh	55, 72.200, 60.911
Yxy	22.8798, 0.5396, 0.4098
Android (android.graphics.Color)	4291651584 (0xFFCD6800)
YUV	122.3430, -60.3151, 72.4902
Hunter-Lab	47.8328, 28.7196, 29.9771

Details

The Hex color **CD6800** 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 **0065CD**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF9C41**, and **903600** is the 20% darker color. If you saturate the color by 10%, you get **CD6800**, and if you desaturate by 10%, it is **CD7214**.

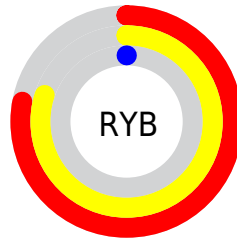
Distribution



Red (80%)

Green (41%)

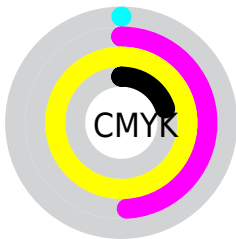
Blue (0%)



Red (78%)

Yellow (80%)

Blue (0%)

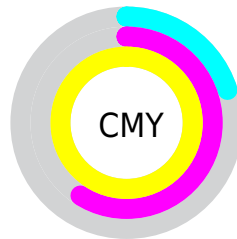


Cyan (0%)

Magenta (49%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (59%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD6800 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 CD6800 by changing the saturation by 10% instead.

 CD6800

 CD6800


FFFFFF

 AE4F00

 FF9C41

 903600

 FFB85C

 711E00

 FFD476

 540100

 FFF091

 380000

 FFFFAD

 1A0001

 FFFFC9

 000000

 FFFFE6

 CD6800

 CD7214

 CD7C29

 CD863E

 CD9052

 CD9B67

 CDA57B

 CDAF90

 CDB9A4

 CDC3B9

Harmonies

Analogous

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



EB4947



CD6800



9D8200

Triad

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



CD6800



009F84



8072F0

Complementary

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



CD6800



0065CD

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.



008BFF



CD6800



009FC2

Square

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



CD6800



009B42



0099F1



CF51C1

Rectangle

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



CD6800



758D00



0099F1



517BFA

Sweetspot

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



CD6800



FFD9B3



CD0067



806952



000000



808080

Same Dimension

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



CD6800



FF8100



CDCD00



66615C



A65400



261300

Inverse Universe

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



0065CD



007EFF



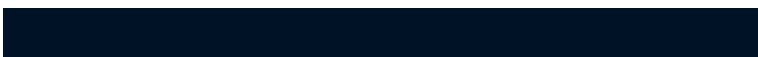
0000CD



5C6166



0052A6



001326

Previews

White Background



This preview shows how the Hex color CD6800 looks on a white background.

Color Contrast Check

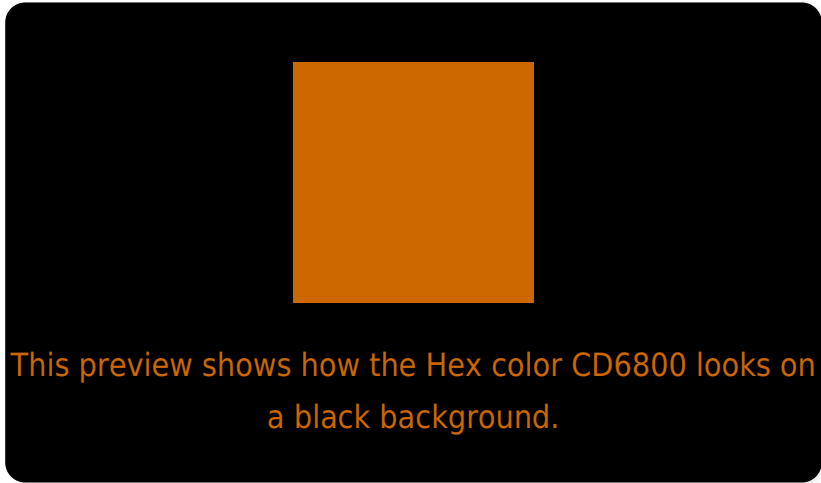
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD6800 Background



This preview shows how black text looks on a background with the Hex color CD6800.



This preview shows how white text looks on a background with the Hex color CD6800.

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
CD6800

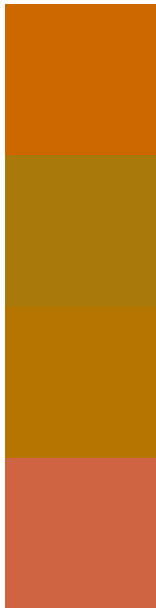
Protanopia
958412

Deuteranopia
A77D00



Tritanopia
D06167

Trichromacy



Original Color
CD6800

Protanomaly
A97A0B

Deuteranomaly
B57500

Tritanomaly
CF6442

Monochromacy



Original Color
CD6800

Achromatopsia
7A7A7A

Achromatomaly
98734E

CSS Examples

Text

The CSS property to change the color of the text to Hex CD6800 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 #CD6800 looks like.

```
.text, #text, p{  
    color:#CD6800  
}
```

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 #CD6800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD6800
}
```

Border

The CSS property to change the border of an element to Hex CD6800 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
#CD6800 }
```

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

```
.border{ border-color:#CD6800 }
```

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

Here you see how a box with a 4 pixel #CD6800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD6800; -webkit-box-shadow:4px 4px  
4px 4px #CD6800; box-shadow:4px 4px 4px  
4px #CD6800 }
```

Background

The CSS property to change the background color of an element to Hex CD6800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD6800 }
```

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

```
.background{ background-color:#CD6800 }
```

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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