

Converting Colors

Hex(D6801B)

Have a look what the booklet for
Hex(D6801B) contains.

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Color

Hex(D6801B)

Conversions

Conversions Part 1

Format	Color
Hex	D6801B
RGB	214, 128, 27
RGB Percent	84%, 50%, 11%
CMY	0.1608, 0.4980, 0.8941
CMYK	0.00, 0.40, 0.87, 0.16
HSL	32°, 78%, 47%
HSV	32°, 87%, 84%
XYZ	35.6486, 29.8136, 4.9126
YIQ	142.2000, 83.6770, -13.1790

Conversions

Conversions Part 2

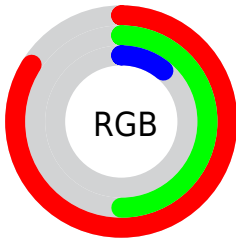
Format	Color
R_{YB}	186, 214, 27
Decimal	14057499
CIE _{Lab}	61.49, 26.56, 62.41
CIE _{LCh}	61, 67.825, 66.946
Yxy	29.8136, 0.5066, 0.4236
Android (android.graphics.Color)	4292247579 (0xFFD6801B)
YUV	142.2000, -56.7936, 62.9686
Hunter-Lab	54.6018, 20.9862, 32.8869

Details

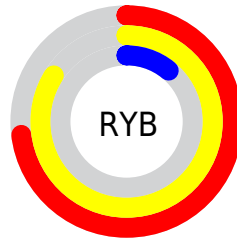
The Hex color **D6801B** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **1B71D6**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FFB553**, and **994E00** is the 20% darker color. If you saturate the color by 10%, you get **D67606**, and if you desaturate by 10%, it is **D68A30**.

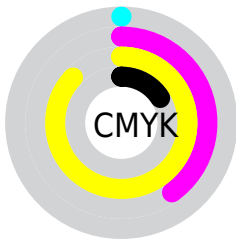
Distribution



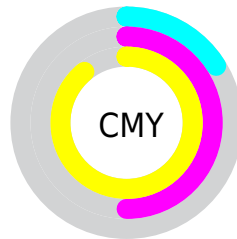
- Red (84%)
- Green (50%)
- Blue (11%)



- Red (73%)
- Yellow (84%)
- Blue (11%)



- Cyan (0%)
- Magenta (40%)
- Yellow (87%)
- Black (16%)



- Cyan (16%)
- Magenta (50%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6801B 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 D6801B by changing the saturation by 10% instead.

 D6801B

 D6801B

FFFFFF

 B76700

 FFB553

 994E00

 FFD16E

 7B3700

 FFED89

 5E2000

 FFFFA4

 420800

 FFFFC0

 2A0000

 FFFFDD

 000000

 FFFFFA

 D6801B

 D6801B

 D67606

 D68A30

 D67400

 D69446

 D69E5B

 D6A771

 D6B186

 D6BB9B

 D6C5B1

 D6CFC6

 D6D9DC

Harmonies

Analogous

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



F7664F



D6801B



A59600

Triad

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



D6801B



00B0A1



A87EF5

Complementary

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



D6801B



1B71D6

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.



0097FF



D6801B



00AFDB

Square

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



D6801B



00AD63



00A7FF



E763C5

Rectangle

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



D6801B



7CA115



00A7FF



8787FF

Sweetspot

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



D6801B



FFE1BD



D61B72



806D58



000000



808080

Same Dimension

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



D6801B



FF8A00



D0D61B



6B6660



AB5C00



2B1700

Inverse Universe

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



1B71D6



0075FF



211BD6



60656B



004FAB



00142B

Previews

White Background



This preview shows how the Hex color D6801B looks on a white background.

Color Contrast Check

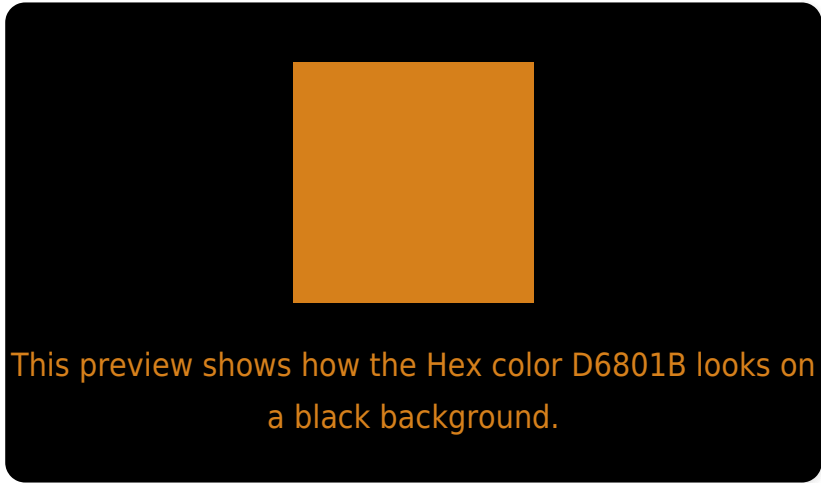
Large Text (above 18pt) WCAG AA ✓ Pass

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 D6801B Background



This preview shows how black text looks on a background with the Hex color D6801B.



This preview shows how white text looks on a background with the Hex color D6801B.

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
D6801B

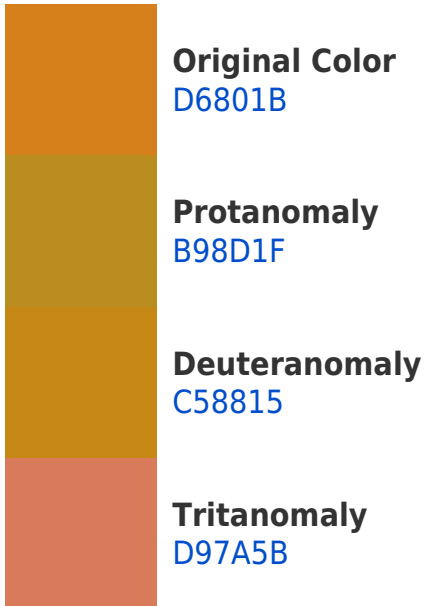
Protanopia
A89521

Deuteranopia
BC8D11

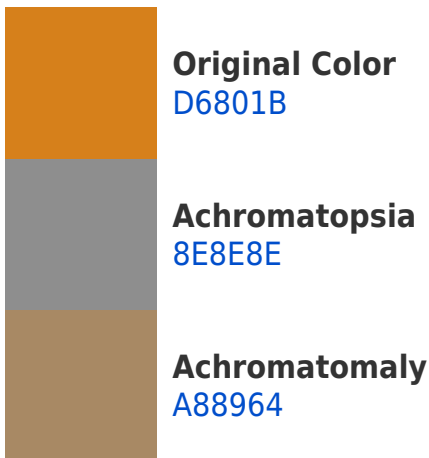


Tritanopia
DB7780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D6801B 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 #D6801B looks like.

```
.text, #text, p{  
    color:#D6801B  
}
```

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 #D6801B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6801B
}
```

Border

The CSS property to change the border of an element to Hex D6801B 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
#D6801B }
```

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

```
.border{ border-color:#D6801B }
```

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

Here you see how a box with a 4 pixel #D6801B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6801B; -webkit-box-shadow:4px 4px  
4px 4px #D6801B; box-shadow:4px 4px 4px  
4px #D6801B }
```

Background

The CSS property to change the background color of an element to Hex D6801B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6801B }
```

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

```
.background{ background-color:#D6801B }
```

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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