

# Converting Colors

Hex(D6802A)

Have a look what the booklet for  
Hex(D6802A) contains.

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**Color**

**Hex(D6802A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D6802A
RGB	214, 128, 42
RGB Percent	84%, 50%, 16%
CMY	0.1608, 0.4980, 0.8353
CMYK	0.00, 0.40, 0.80, 0.16
HSL	30°, 68%, 50%
HSV	30°, 80%, 84%
XYZ	35.8686, 29.9017, 6.0716
YIQ	143.9100, 78.8620, -8.5140

# Conversions

## Conversions Part 2

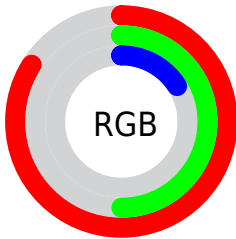
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	214, 214, 42
Decimal	14057514
CIE Lab	61.57, 26.97, 57.33
CIE LCh	62, 63.359, 64.804
Yxy	29.9017, 0.4993, 0.4162
Android (android.graphics.Color)	4292247594 (0xFFD6802A)
YUV	143.9100, -50.2416, 61.4689
Hunter-Lab	54.6824, 21.3920, 31.6945

# Details

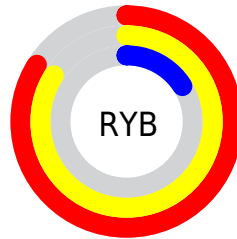
The Hex color **D6802A** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **2A80D6**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFB55E**, and **994E00** is the 20% darker color. If you saturate the color by 10%, you get **D67515**, and if you desaturate by 10%, it is **D68B3F**.

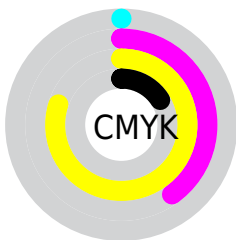
# Distribution



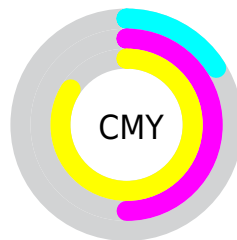
- Red (84%)
- Green (50%)
- Blue (16%)



- Red (84%)
- Yellow (84%)
- Blue (16%)



- Cyan (0%)
- Magenta (40%)
- Yellow (80%)
- Black (16%)



- Cyan (16%)
- Magenta (50%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6802A 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 D6802A by changing the saturation by 10% instead.



 D6802A

 D6802A

FFFFFF

 B7670A

 FFB55E

 994E00

 FFD179

 7C3600

 FFED94

 5F1F00

 FFFF4F

 430800

 FFFF4B

 2B0000

 FFFF48

 000000

 D6802A

 D6802A

 D67515

 D68B3F

 D66B00

 D69555

 D6A06A

 D6AB80

 D6B695

 D6C0AA

 D6CBC0

 D6D6D5

 D6E0EB

# Harmonies

## Analogous

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



F36958



D6802A



A9950F

# Triad

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



D6802A



00AF9C



A182F1

# Complementary

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



D6802A



2A80D6

# 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.



0098FF



D6802A



00AED3

# Square

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



D6802A



00AC62



00A7FA



DF69C6

# Rectangle

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



D6802A



839F21



00A7FA



828AFB



# Sweetspot

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



D6802A



FFE0C2



D62A80



806D5B



000000



808080



# Same Dimension

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



D6802A



FF850A



D6D62A



6B6660



AB5500



2B1600



# Inverse Universe

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



2A80D6



0A85FF



2A2AD6



60666B



0055AB



00162B



# Previews

## White Background



This preview shows how the Hex color D6802A looks on a white background.

## Color Contrast Check

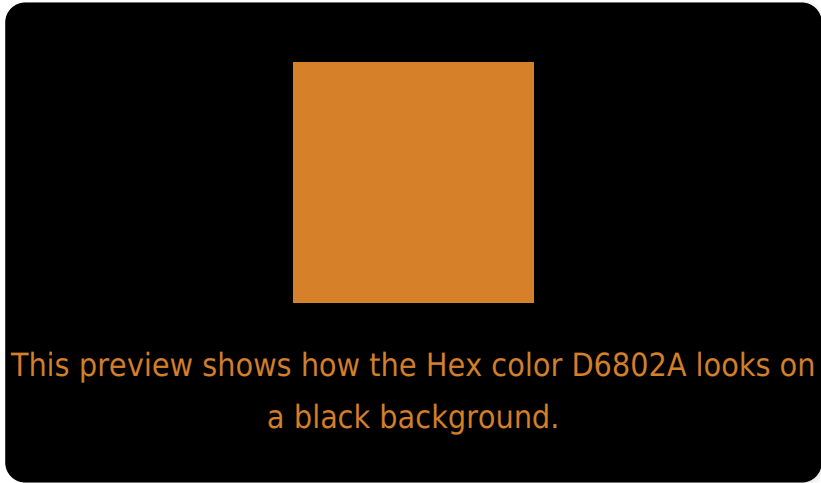
Large Text (above 18pt) WCAG AA ✓ Pass

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 D6802A Background



This preview shows how black text looks on a background with the Hex color D6802A.



This preview shows how white text looks on a background with the Hex color D6802A.

# 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**  
D6802A

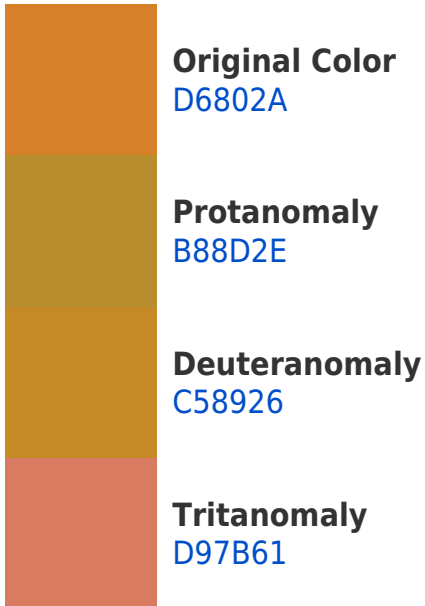
**Protanopia**  
A79530

**Deuteranopia**  
BC8E24

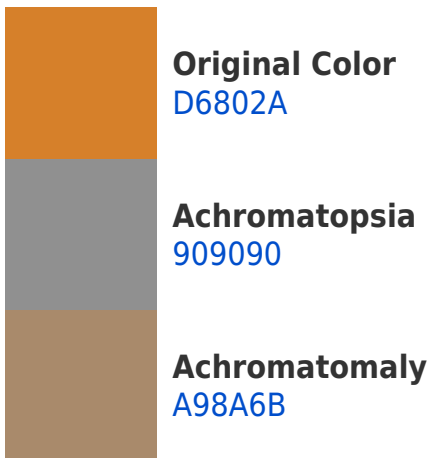


**Tritanopia**  
DA7880

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6802A 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 #D6802A looks like.

```
.text, #text, p{  
    color:#D6802A  
}
```

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 #D6802A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6802A
}
```

## Border

The CSS property to change the border of an element to Hex D6802A 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
#D6802A }
```

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

```
.border{ border-color:#D6802A }
```

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

Here you see how a box with a 4 pixel #D6802A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6802A; -webkit-box-shadow:4px 4px  
4px 4px #D6802A; box-shadow:4px 4px 4px  
4px #D6802A }
```

# Background

The CSS property to change the background color of an element to Hex D6802A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6802A }
```

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

```
.background{ background-color:#D6802A }
```

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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