

Converting Colors

Hex(D6823D)

Have a look what the booklet for
Hex(D6823D) contains.

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Color

Hex(D6823D)

Conversions

Conversions Part 1

Format	Color
Hex	D6823D
RGB	214, 130, 61
RGB Percent	84%, 51%, 24%
CMY	0.1608, 0.4902, 0.7608
CMYK	0.00, 0.39, 0.71, 0.16
HSL	27°, 65%, 54%
HSV	27°, 71%, 84%
XYZ	36.5565, 30.5983, 8.3942
YIQ	147.2500, 72.2130, -3.6510

Conversions

Conversions Part 2

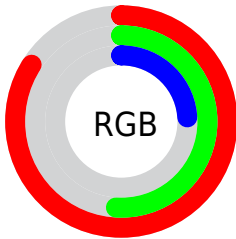
Format	Color
RYB	214, 187, 61
Decimal	14058045
CIELab	62.17, 26.69, 49.65
CIElCh	62, 56.369, 61.738
Yxy	30.5983, 0.4839, 0.4050
Android (android.graphics.Color)	4292248125 (0xFFD6823D)
YUV	147.2500, -42.5213, 58.5397
Hunter-Lab	55.3158, 21.1626, 29.7237

Details

The Hex color **D6823D** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **3D91D6**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFB770**, and **9A5007** is the 20% darker color. If you saturate the color by 10%, you get **D67628**, and if you desaturate by 10%, it is **D68E52**.

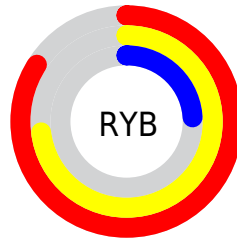
Distribution



Red (84%)

Green (51%)

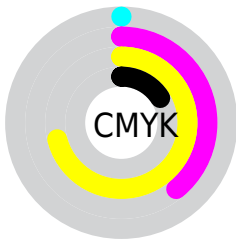
Blue (24%)



Red (84%)

Yellow (73%)

Blue (24%)

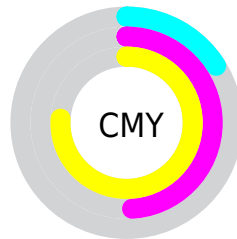


Cyan (0%)

Magenta (39%)

Yellow (71%)

Black (16%)



Cyan (16%)

Magenta (49%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6823D 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 D6823D by changing the saturation by 10% instead.

 D6823D

 D6823D

FFFFFF

 B86924

 FFB770

 9A5007

 FFD38A

 7D3800

 FFF0A5

 602100

 FFFFC1

 440A00

 FFFFDD

 2C0000

 FFFFFA

 000000

 D6823D

 D6823D

 D67628

 D68E52

 D66B12

 D69968

 D66100

 D6A57D

 D6B193

 D6BDA8

 D6C8BD

 D6D4D3

 D6E0E8

 D6ECFE

Harmonies

Analogous

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



EE7065



D6823D



AE952A

Triad

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



D6823D



00AE98



9B88EC

Complementary

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



D6823D



3D91D6

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.



1E9BFA



D6823D



00AEC9

Square

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



D6823D



2FAB65



00A8EE



D573C6

Rectangle

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



D6823D



8E9F32



00A8EE



7F8FF3

Sweetspot

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



D6823D



FFE2C9



D63D91



806E60



000000



808080

Same Dimension

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



D6823D



FF8724



D6CE3D



6B6560



AB4D00



2B1400

Inverse Universe

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



3D91D6



249CFF



3D45D6



60666B



005EAB



00182B

Previews

White Background



This preview shows how the Hex color D6823D looks on a white background.

Color Contrast Check

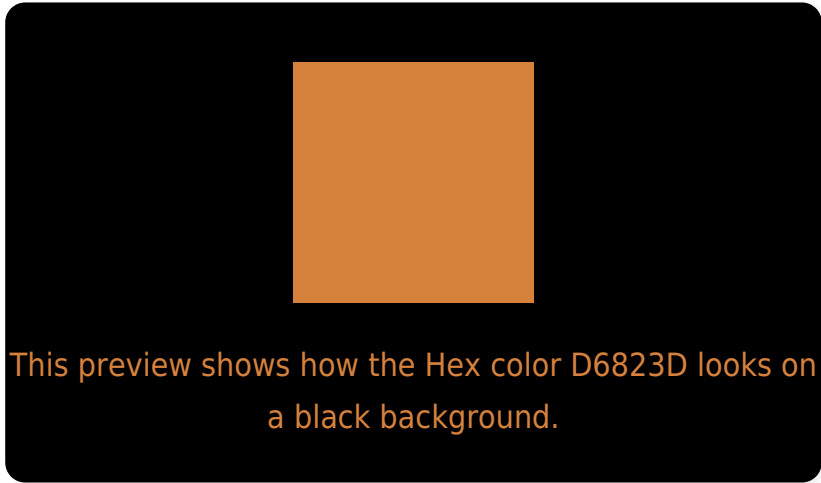
Large Text (above 18pt) WCAG AA × Fail

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

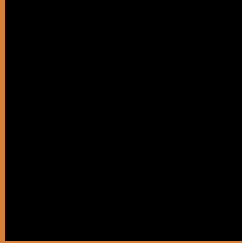
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex D6823D Background



This preview shows how black text looks on a background with the Hex color D6823D.



This preview shows how white text looks on a background with the Hex color D6823D.

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
D6823D

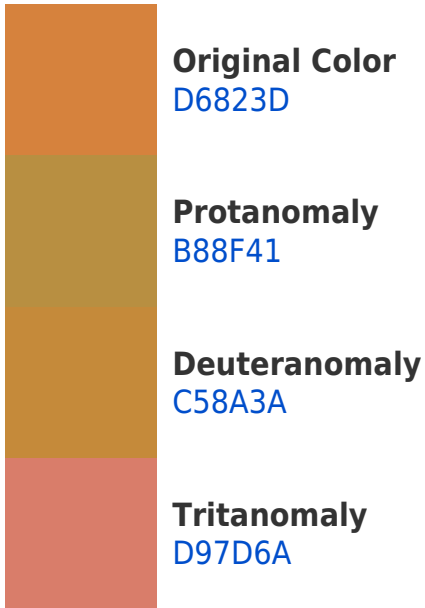
Protanopia
A79743

Deuteranopia
BC8F39



Tritanopia
DA7A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D6823D 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 #D6823D looks like.

```
.text, #text, p{  
    color:#D6823D  
}
```

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 #D6823D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6823D
}
```

Border

The CSS property to change the border of an element to Hex D6823D 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
#D6823D }
```

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

```
.border{ border-color:#D6823D }
```

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

Here you see how a box with a 4 pixel #D6823D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6823D; -webkit-box-shadow:4px 4px  
4px 4px #D6823D; box-shadow:4px 4px 4px  
4px #D6823D }
```

Background

The CSS property to change the background color of an element to Hex D6823D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6823D }
```

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

```
.background{ background-color:#D6823D }
```

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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