

Converting Colors

Hex(6D7823)

Have a look what the booklet for
Hex(6D7823) contains.

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Color

Hex(6D7823)

Conversions

Conversions Part 1

Format	Color
Hex	6D7823
RGB	109, 120, 35
RGB Percent	43%, 47%, 14%
CMY	0.5725, 0.5294, 0.8627
CMYK	0.09, 0.00, 0.71, 0.53
HSL	68°, 55%, 30%
HSV	68°, 71%, 47%
XYZ	13.3265, 16.8055, 4.1315
YIQ	107.0210, 20.7290, -28.7670

Conversions

Conversions Part 2

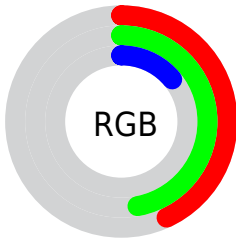
Format	Color
RYB	35, 120, 46
Decimal	7174179
CIELab	48.01, -16.17, 43.16
CIELCh	48, 46.091, 110.536
Yxy	16.8055, 0.3889, 0.4905
Android (android.graphics.Color)	4285364259 (0xFF6D7823)
YUV	107.0210, -35.5064, 1.7356
Hunter-Lab	40.9945, -13.7135, 22.7208

Details

The Hex color **6D7823** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2E2378**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **A3AC55**, and **3B4800** is the 20% darker color. If you saturate the color by 10%, you get **6B7817**, and if you desaturate by 10%, it is **6F782F**.

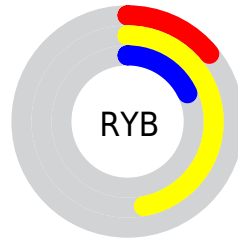
Distribution



Red (43%)

Green (47%)

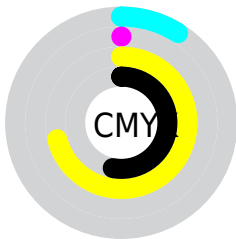
Blue (14%)



Red (14%)

Yellow (47%)

Blue (18%)

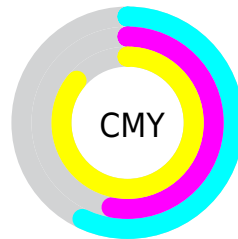


Cyan (9%)

Magenta (0%)

Yellow (71%)

Black (53%)



Cyan (57%)

Magenta (53%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D7823 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 6D7823 by changing the saturation by 10% instead.



6D7823



6D7823

FFFFFF



535F05



A3AC55



3B4800



BFC76F



223100



DBE389



031D00



F8FFA4



000000



FFFFC0



FFFFDC



FFFFF9



6D7823



6D7823

■ 6B7817

■ 6F782F

■ 6A780B

■ 70783B

■ 687800

■ 727847

■ 737853

■ 75785F

■ 76786B

■ 787877

■ 797883

■ 7B788F

Harmonies

Analogous

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



916C20



6D7823



3E803E

Triad

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



6D7823



0082AD



B35080

Complementary

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



6D7823



2E2378

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.



955CA4



6D7823



007ABF

Square

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



6D7823



00858C



5D6DBB



B95059

Rectangle

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



6D7823



008357



5D6DBB



AB538D

Sweetspot

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



6D7823



979C7B



782D23



4C4F3B



CFCFCF



4F4F4F

Same Dimension

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



6D7823



8A9C17



447823



3C3D37



6D7D00



DCFC00

Inverse Universe

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



2E2378



28179C



572378



38373D



10007D



2100FC

Previews

White Background



This preview shows how the Hex color 6D7823 looks on a white background.

Color Contrast Check

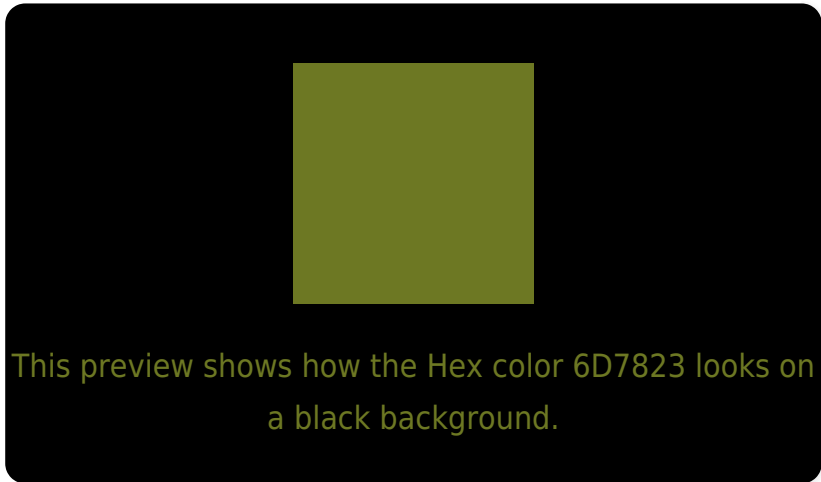
Large Text (above 18pt) WCAG AA ✓ Pass

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

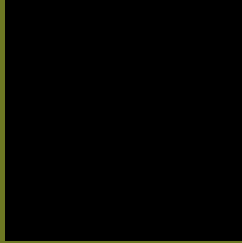
Any Text WCAG AA × Fail

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 6D7823 Background



This preview shows how black text looks on a background with the Hex color 6D7823.



This preview shows how white text looks on a background with the Hex color 6D7823.

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
6D7823

Protanopia
807221

Deuteranopia
8E6C27



Tritanopia
757079

Trichromacy



Original Color
6D7823

Protanomaly
797422

Deuteranomaly
827026

Tritanomaly
72735A

Monochromacy



Original Color
6D7823

Achromatopsia
6B6B6B

Achromatomaly
6C7051

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D7823 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 #6D7823 looks like.

```
.text, #text, p{  
    color:#6D7823  
}
```

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 #6D7823 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D7823
}
```

Border

The CSS property to change the border of an element to Hex 6D7823 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
#6D7823 }
```

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

```
.border{ border-color:#6D7823 }
```

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

Here you see how a box with a 4 pixel #6D7823 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D7823; -webkit-box-shadow:4px 4px  
4px 4px #6D7823; box-shadow:4px 4px 4px  
4px #6D7823 }
```

Background

The CSS property to change the background color of an element to Hex 6D7823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D7823 }
```

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

```
.background{ background-color:#6D7823 }
```

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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