

Converting Colors

Hex(6D8033)

Have a look what the booklet for
Hex(6D8033) contains.

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Color

Hex(6D8033)

Conversions

Conversions Part 1

Format	Color
Hex	6D8033
RGB	109, 128, 51
RGB Percent	43%, 50%, 20%
CMY	0.5725, 0.4980, 0.8000
CMYK	0.15, 0.00, 0.60, 0.50
HSL	75°, 43%, 35%
HSV	75°, 60%, 50%
XYZ	14.6234, 18.9286, 6.0148
YIQ	113.5410, 13.3930, -27.9750

Conversions

Conversions Part 2

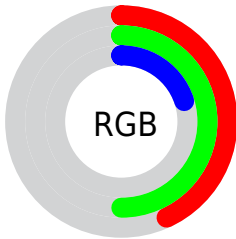
Format	Color
RYB	51, 128, 70
Decimal	7176243
CIELab	50.60, -19.16, 38.66
CIElCh	51, 43.152, 116.365
Yxy	18.9286, 0.3696, 0.4784
Android (android.graphics.Color)	4285366323 (0xFF6D8033)
YUV	113.5410, -30.8327, -3.9825
Hunter-Lab	43.5070, -16.1405, 22.2581

Details

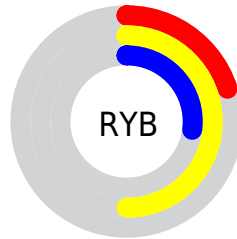
The Hex color **6D8033** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **463380**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **A2B565**, and **3B4F00** is the 20% darker color. If you saturate the color by 10%, you get **6A8026**, and if you desaturate by 10%, it is **708040**.

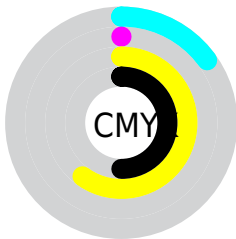
Distribution



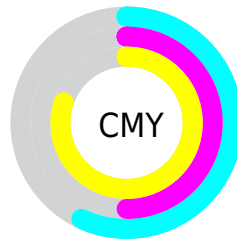
- Red (43%)
- Green (50%)
- Blue (20%)



- Red (20%)
- Yellow (50%)
- Blue (27%)



- Cyan (15%)
- Magenta (0%)
- Yellow (60%)
- Black (50%)



- Cyan (57%)
- Magenta (50%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D8033 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 6D8033 by changing the saturation by 10% instead.

 6D8033

 6D8033

FFFFFF

 53671A

 A2B565

 3B4F00

 BED07E

 243800

 DAED99

 082200

 F7FFB4

 000400

 FFFFD0

 000000

 FFFFEC

 6D8033

 6D8033

 6A8026

 708040

678019

73804D

64800D

768059

608000

7A8066

7D8073

808080

83808D

868099

8980A6

Harmonies

Analogous

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



91752C



6D8033



3E874E

Triad

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



6D8033



0086B5



B9597E

Complementary

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



6D8033



463380

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.



A162A2



6D8033



177EC2

Square

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



6D8033



008A98



7371BA



BC5B5A

Rectangle

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



6D8033



008A66



7371BA



B45B8B

Sweetspot

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



6D8033



9EA688



804533



505442



D4D4D4



545454

Same Dimension

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



6D8033



88A62E



488033



3E4039



608000



000000

Inverse Universe

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



463380



4C2EA6



6B3380



3B3940



1F0080



000000

Previews

White Background



This preview shows how the Hex color 6D8033 looks on a white background.

Color Contrast Check

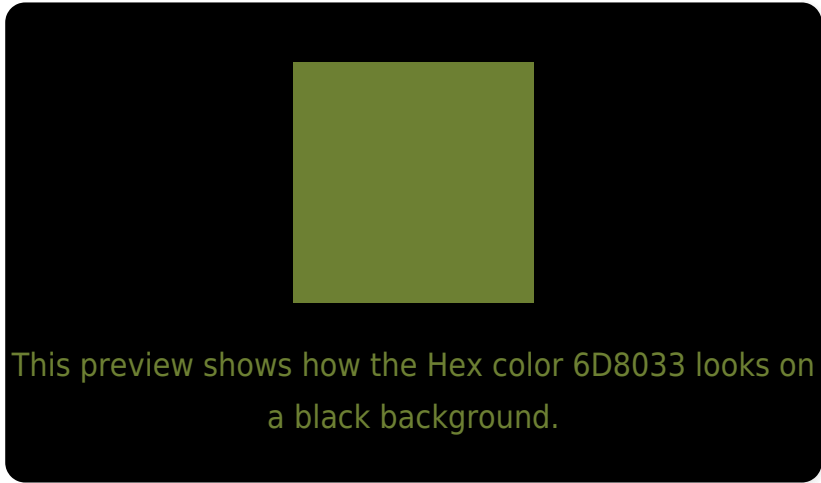
Large Text (above 18pt) WCAG AA ✓ Pass

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

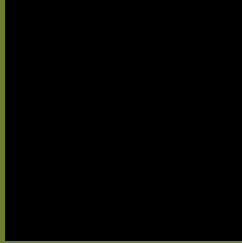
Any Text WCAG AA ✓ Pass

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 6D8033 Background



This preview shows how black text looks on a background with the Hex color 6D8033.



This preview shows how white text looks on a background with the Hex color 6D8033.

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
6D8033

Protanopia
867831

Deuteranopia
957237



Tritanopia
767882

Trichromacy



Original Color
6D8033

Protanomaly
7D7B32

Deuteranomaly
867736

Tritanomaly
737B65

Monochromacy



Original Color
6D8033

Achromatopsia
727272

Achromatomaly
70775B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D8033 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 #6D8033 looks like.

```
.text, #text, p{  
    color:#6D8033  
}
```

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 #6D8033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D8033
}
```

Border

The CSS property to change the border of an element to Hex 6D8033 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
#6D8033 }
```

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

```
.border{ border-color:#6D8033 }
```

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

Here you see how a box with a 4 pixel #6D8033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D8033; -webkit-box-shadow:4px 4px  
4px 4px #6D8033; box-shadow:4px 4px 4px  
4px #6D8033 }
```

Background

The CSS property to change the background color of an element to Hex 6D8033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D8033 }
```

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

```
.background{ background-color:#6D8033 }
```

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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