

Converting Colors

Hex(6DA803)

Have a look what the booklet for
Hex(6DA803) contains.

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Color

Hex(6DA803)

Conversions

Conversions Part 1

Format	Color
Hex	6DA803
RGB	109, 168, 3
RGB Percent	43%, 66%, 1%
CMY	0.5725, 0.3412, 0.9882
CMYK	0.35, 0.00, 0.98, 0.34
HSL	81°, 96%, 34%
HSV	81°, 98%, 66%
XYZ	20.3257, 31.2630, 5.0492
YIQ	131.5490, 17.8010, -63.8230

Conversions

Conversions Part 2

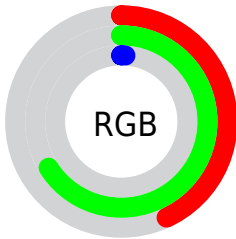
Format	Color
R _Y B	3, 168, 62
Decimal	7186435
CIE Lab	62.73, -40.35, 63.89
CIE LCh	63, 75.560, 122.275
Yxy	31.2630, 0.3589, 0.5520
Android (android.graphics.Color)	4285376515 (0xFF6DA803)
YUV	131.5490, -63.3747, -19.7755
Hunter-Lab	55.9134, -32.9597, 33.7852

Details

The Hex color **6DA803** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3E03A8**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **A6E04C**, and **347300** is the 20% darker color. If you saturate the color by 10%, you get **6CA800**, and if you desaturate by 10%, it is **73A814**.

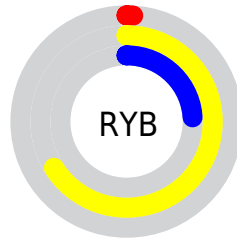
Distribution



Red (43%)

Green (66%)

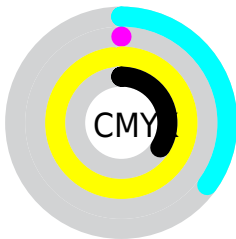
Blue (1%)



Red (1%)

Yellow (66%)

Blue (24%)

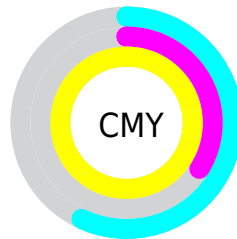


Cyan (35%)

Magenta (0%)

Yellow (98%)

Black (34%)



Cyan (57%)

Magenta (34%)

Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the Hex color 6DA803 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 6DA803 by changing the saturation by 10% instead.

 6DA803

 6DA803

FFFFFF

 518D00

 A6E04C

 347300

 C2FC67

 135A00

 E0FF83

 004200

 FEFF9F

 002C00

 FFFFBB

 001100

 FFFFD8

 000000

 FFFFF6

 6DA803

 6DA803

■ 6CA800

■ 73A814

■ 79A825

■ 7FA835

■ 85A846

■ 8BA857

■ 91A868

■ 97A879

■ 9DA889

■ A3A89A

Harmonies

Analogous

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



B19700



6DA803



00B255

Triad

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



6DA803



00AFFF



FF4D96

Complementary

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



6DA803



3E03A8

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.



EB61D7



6DA803



009EFF

Square

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



6DA803



00B5DE



9B83FF



FF5D54

Rectangle

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



6DA803



00B584



9B83FF



FF50AC

Sweetspot

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



6DA803



C5DB9C



A83D03



606E47



EDEDED



6E6E6E

Same Dimension

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



6DA803



8DDB00



1CA803



51544C



5F9400



0D1400

Inverse Universe

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



3E03A8



4E00DB



8F03A8



4F4C54



350094



070014

Previews

White Background



This preview shows how the Hex color 6DA803 looks on a white background.

Color Contrast Check

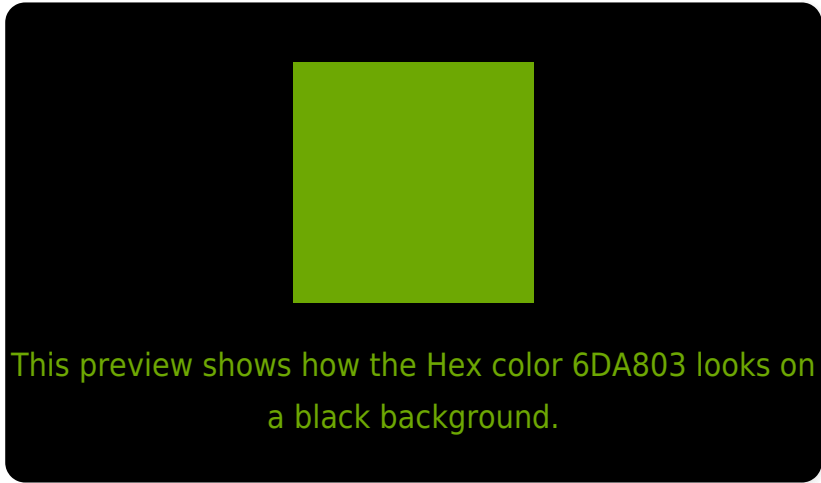
Large Text (above 18pt) WCAG AA × Fail

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 6DA803 Background



This preview shows how black text looks on a background with the Hex color 6DA803.

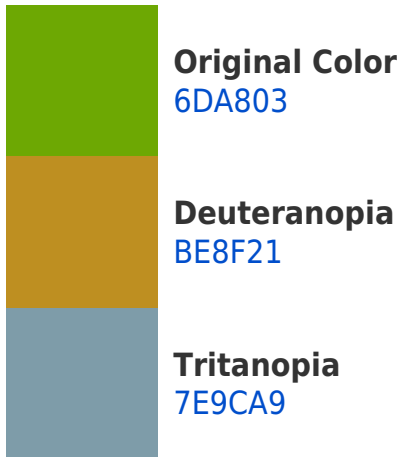


This preview shows how white text looks on a background with the Hex color 6DA803.

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



Trichromacy



Original Color
6DA803



Deuteranomaly
A19816



Tritanomaly
78A06D

Monochromacy



Original Color
6DA803



Achromatopsia
848484



Achromatomaly
7C9155

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DA803 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 #6DA803 looks like.

```
.text, #text, p{  
    color:#6DA803  
}
```

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 #6DA803 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DA803
}
```

Border

The CSS property to change the border of an element to Hex 6DA803 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
#6DA803 }
```

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

```
.border{ border-color:#6DA803 }
```

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

Here you see how a box with a 4 pixel #6DA803 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DA803; -webkit-box-shadow:4px 4px  
4px 4px #6DA803; box-shadow:4px 4px 4px  
4px #6DA803 }
```

Background

The CSS property to change the background color of an element to Hex 6DA803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DA803 }
```

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

```
.background{ background-color:#6DA803 }
```

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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