

Converting Colors

Hex(6DAD06)

Have a look what the booklet for
Hex(6DAD06) contains.

| | |
|--|----|
| Hex(6DAD06) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(6DAD06)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 6DAD06 |
| RGB | 109, 173, 6 |
| RGB Percent | 43%, 68%, 2% |
| CMY | 0.5725, 0.3216, 0.9765 |
| CMYK | 0.37, 0.00, 0.97, 0.32 |
| HSL | 83°, 93%, 35% |
| HSV | 83°, 97%, 68% |
| XYZ | 21.2831, 33.1515, 5.4494 |
| YIQ | 134.8260, 15.4630, -65.5050 |

Conversions

Conversions Part 2

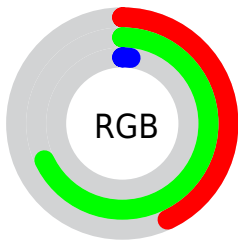
| Format | Color |
|-------------------------------------|--|
| RYB | 6, 173, 70 |
| Decimal | 7187718 |
| CIELab | 64.28, -42.43, 64.72 |
| CIELCh | 64, 77.382, 123.248 |
| Yxy | 33.1515, 0.3554, 0.5536 |
| Android (android.graphics.Color) | 4285377798 (0xFF6DAD06) |
| YUV | 134.8260, -63.5112, -22.6494 |
| Hunter-Lab | 57.5773, -34.7789, 34.6926 |

Details

The Hex color **6DAD06** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4606AD**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **A6E54E**, and **337800** is the 20% darker color. If you saturate the color by 10%, you get **6BAD00**, and if you desaturate by 10%, it is **74AD17**.

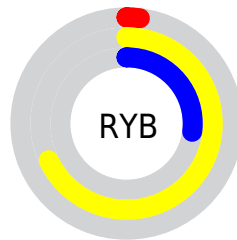
Distribution



Red (43%)

Green (68%)

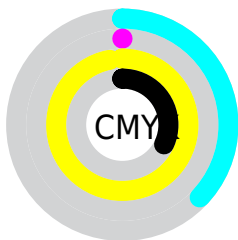
Blue (2%)



Red (2%)

Yellow (68%)

Blue (27%)

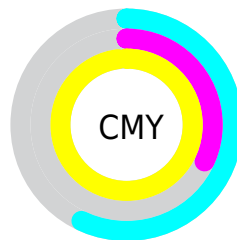


Cyan (37%)

Magenta (0%)

Yellow (97%)

Black (32%)



Cyan (57%)

Magenta (32%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DAD06 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 6DAD06 by changing the saturation by 10% instead.

 6DAD06

 6DAD06

FFFFFF

 519200

 A6E54E

 337800

 C3FF6A

 105F00

 E0FF85

 004600

 FEFFA1

 002F00

 FFFFBE

 001800

 FFFFDB

 000000

 FFFFF8

 6DAD06

 6DAD06

■ 6BAD00

■ 74AD17

■ 7AAD29

■ 81AD3A

■ 88AD4B

■ 8EAD5D

■ 95AD6E

■ 9BAD7F

■ A2AD90

■ A9ADA2

Harmonies

Analogous

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



B49B00



6DAD06



00B75A

Triad

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



6DAD06



00B3FF



FF4E97

Complementary

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



6DAD06



4606AD

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.



F463DB



6DAD06



00A2FF

Square

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



6DAD06



00BAE6



A386FF



FF6054

Rectangle

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



6DAD06



00BA89



A386FF



FF51AF

Sweetspot

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



6DAD06



C7E09F



AD4306



617049



F0F0F0



707070

Same Dimension

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



6DAD06



8AE000



1CAD06



53574E



5D9600



0E1700

Inverse Universe

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



4606AD



5600E0



9706AD



514E57



3A0096



090017

Previews

White Background



This preview shows how the Hex color 6DAD06 looks on a white background.

Color Contrast Check

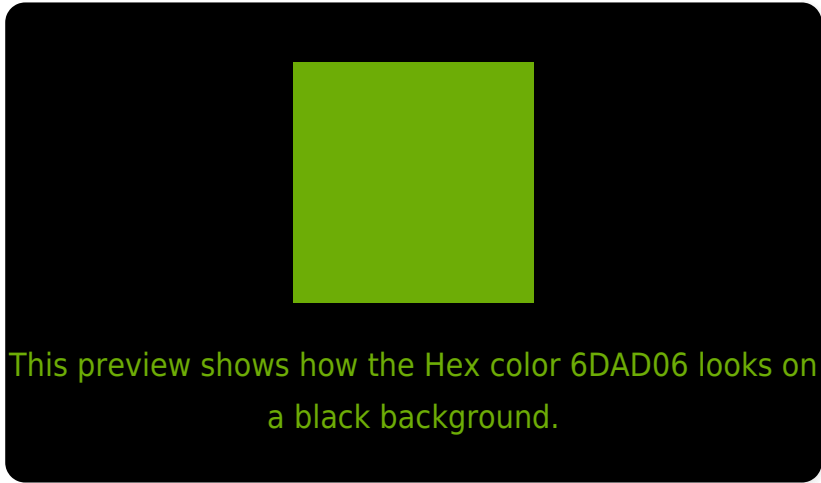
Large Text (above 18pt) WCAG AA × Fail

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 6DAD06 Background



This preview shows how black text looks on a background with the Hex color 6DAD06.

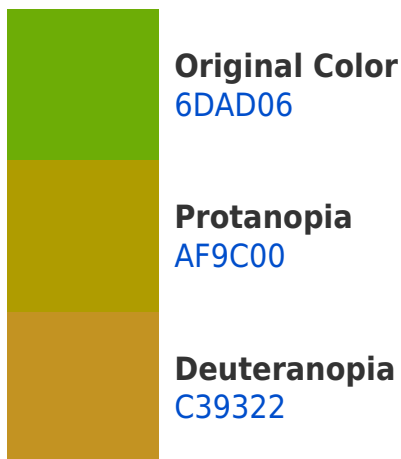


This preview shows how white text looks on a background with the Hex color 6DAD06.

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](#).

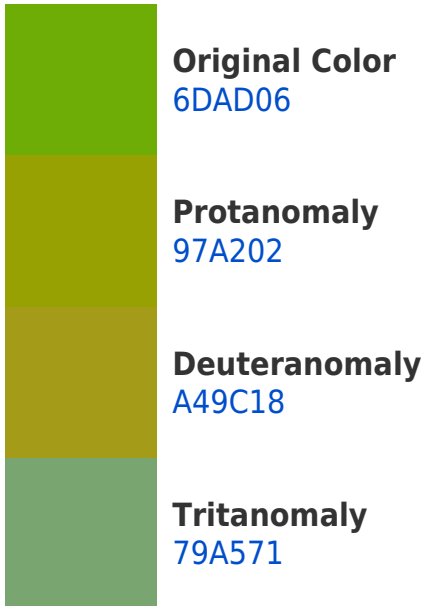
Dichromacy



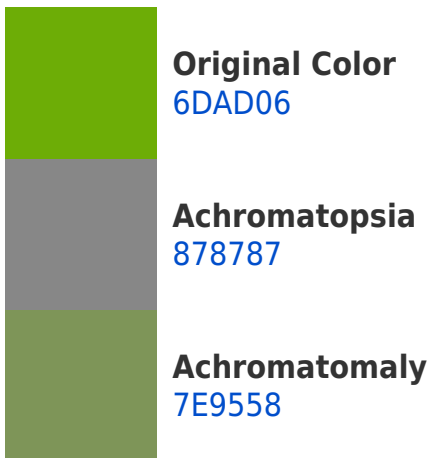


Tritanopia
80A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DAD06 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 #6DAD06 looks like.

```
.text, #text, p{  
    color:#6DAD06  
}
```

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 #6DAD06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DAD06
}
```

Border

The CSS property to change the border of an element to Hex 6DAD06 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".

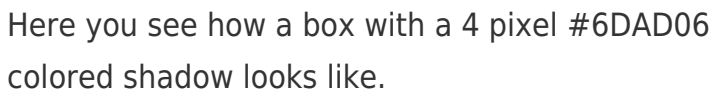
```
.border, #border, table{ border:4px solid
#6DAD06 }
```

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

```
.border{ border-color:#6DAD06 }
```

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

Here you see how a box with a 4 pixel #6DAD06 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DAD06; -webkit-box-shadow:4px 4px  
4px 4px #6DAD06; box-shadow:4px 4px 4px  
4px #6DAD06 }
```

Background

The CSS property to change the background color of an element to Hex 6DAD06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DAD06 }
```

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

```
.background{ background-color:#6DAD06 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor