

# Converting Colors

Hex(6A6805)

Have a look what the booklet for  
Hex(6A6805) contains.

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**Color**

**Hex(6A6805)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A6805
RGB	106, 104, 5
RGB Percent	42%, 41%, 2%
CMY	0.5843, 0.5922, 0.9804
CMYK	0.00, 0.02, 0.95, 0.58
HSL	59°, 91%, 22%
HSV	59°, 95%, 42%
XYZ	10.9216, 12.9758, 2.0725
YIQ	93.3120, 32.9710, -30.3650

# Conversions

## Conversions Part 2

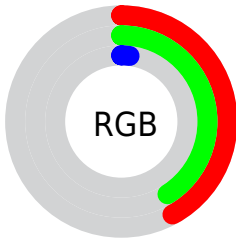
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 106, 5
Decimal	6973445
CIELab	42.73, -10.05, 47.85
CIELCh	43, 48.897, 101.862
Yxy	12.9758, 0.4205, 0.4996
Android (android.graphics.Color)	4285163525 (0xFF6A6805)
YUV	93.3120, -43.5378, 11.1274
Hunter-Lab	36.0219, -8.9184, 21.8041

# Details

The Hex color **6A6805** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **05076A**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **A09B3F**, and **373900** is the 20% darker color. If you saturate the color by 10%, you get **6A6800**, and if you desaturate by 10%, it is **6A6810**.

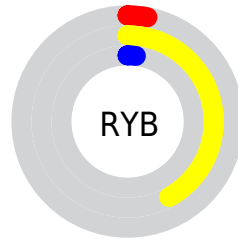
# Distribution



Red (42%)

Green (41%)

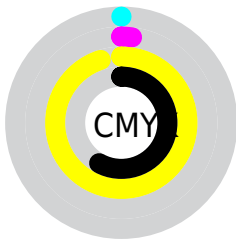
Blue (2%)



Red (3%)

Yellow (42%)

Blue (2%)

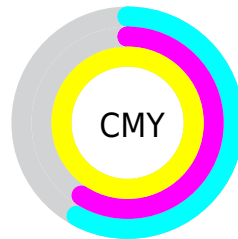


Cyan (0%)

Magenta (2%)

Yellow (95%)

Black (58%)



Cyan (58%)

Magenta (59%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A6805 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 6A6805 by changing the saturation by 10% instead.





6A6805



6A6805

FFFFFFD



505000



A09B3F



373900



BCB658



1E2400



D9D172



001000



F7ED8D



000000



FFFFA8



FFFFC3



FFFFE0



6A6805



6A6805

■ 6A6800

■ 6A6810

■ 6A681A

■ 6A6925

■ 6A692F

■ 6A693A

■ 6A6945

■ 6A694F

■ 6A6A5A

■ 6A6A64

# Harmonies

## Analogous

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



8D5A10



6A6805



3D7124

# Triad

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



6A6805



00769A



A1427F

# Complementary

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



6A6805



05076A

# 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.



7B53A1



6A6805



0070B2

# Square

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



6A6805



007874



2C64B4



AE3D57

# Rectangle

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



6A6805



00753D



2C64B4



97478C



# Sweetspot

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



6A6805



8A8962



6A0508



45442D



C4C4C4



454545



# Same Dimension

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



6A6805



8A8700



3B6A05



363530



757300



F5F000



# Inverse Universe

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



05076A



00038A



34056A



303036



000275



0005F5



# Previews

## White Background



This preview shows how the Hex color 6A6805 looks on a white background.

## Color Contrast Check

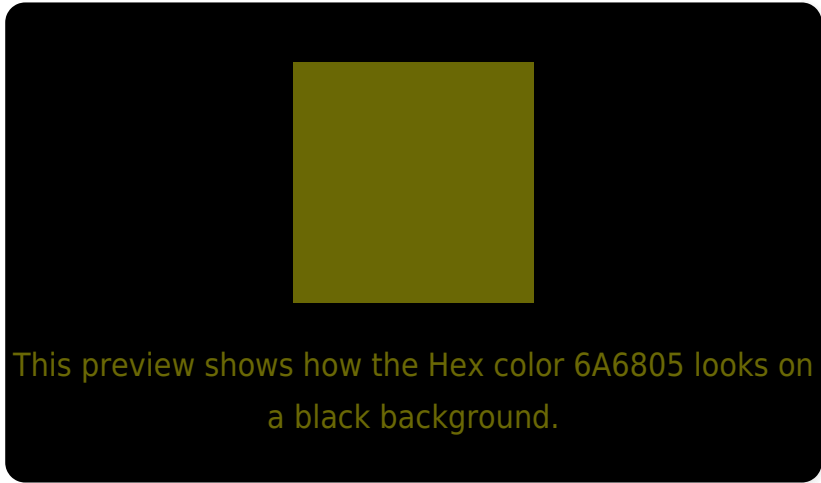
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A6805 Background



This preview shows how black text looks on a background with the Hex color 6A6805.



This preview shows how white text looks on a background with the Hex color 6A6805.

# 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**  
6A6805

**Protanopia**  
726500

**Deuteranopia**  
7F6010



**Tritanopia**  
716168

# Trichromacy



**Original Color**  
6A6805

**Protanomaly**  
6F6602

**Deuteranomaly**  
77630C

**Tritanomaly**  
6E6444

# Monochromacy



**Original Color**  
6A6805

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
62613D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A6805 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 #6A6805 looks like.

```
.text, #text, p{  
    color:#6A6805  
}
```

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 #6A6805 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A6805
}
```

## Border

The CSS property to change the border of an element to Hex 6A6805 is called "border". The border property can be set on classes, ids or directly on the HTML element.

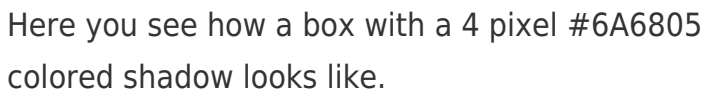
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A6805 }
```

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

```
.border{ border-color:#6A6805 }
```

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



Here you see how a box with a 4 pixel #6A6805 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A6805; -webkit-box-shadow:4px 4px  
4px 4px #6A6805; box-shadow:4px 4px 4px  
4px #6A6805 }
```

# Background

The CSS property to change the background color of an element to Hex 6A6805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A6805 }
```

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

```
.background{ background-color:#6A6805 }
```

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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