

# Converting Colors

Hex(7F6805)

Have a look what the booklet for  
Hex(7F6805) contains.

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**Color**

**Hex(7F6805)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F6805
RGB	127, 104, 5
RGB Percent	50%, 41%, 2%
CMY	0.5020, 0.5922, 0.9804
CMYK	0.00, 0.18, 0.96, 0.50
HSL	49°, 92%, 26%
HSV	49°, 96%, 50%
XYZ	13.7301, 14.4236, 2.2040
YIQ	99.5910, 45.4870, -25.9130

# Conversions

## Conversions Part 2

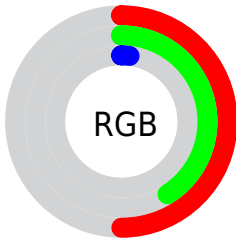
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 127, 5
Decimal	8349701
CIE Lab	44.83, 0.13, 50.38
CIE LCh	45, 50.381, 89.849
Yxy	14.4236, 0.4523, 0.4751
Android (android.graphics.Color)	4286539781 (0xFF7F6805)
YUV	99.5910, -46.6334, 24.0377
Hunter-Lab	37.9784, -1.9303, 23.1442

# Details

The Hex color **7F6805** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **051C7F**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **B79B3F**, and **4A3900** is the 20% darker color. If you saturate the color by 10%, you get **7F6700**, and if you desaturate by 10%, it is **7F6A12**.

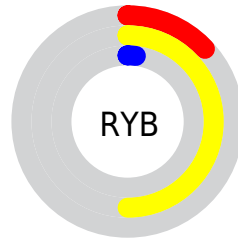
# Distribution



Red (50%)

Green (41%)

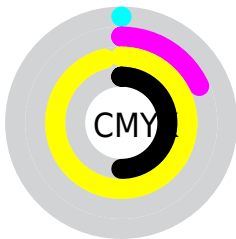
Blue (2%)



Red (13%)

Yellow (50%)

Blue (2%)

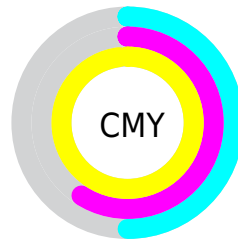


Cyan (0%)

Magenta (18%)

Yellow (96%)

Black (50%)



Cyan (50%)

Magenta (59%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F6805 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 7F6805 by changing the saturation by 10% instead.





7F6805



7F6805

FFFFFFE



645000



B79B3F



4A3900



D4B559



302400



F2D173



171000



FFED8E



000000



FFFA9



FFFC5



FFFE1



7F6805



7F6805

■ 7F6700

■ 7F6A12

■ 7F6D1E

■ 7F6F2B

■ 7F7238

■ 7F7445

■ 7F7651

■ 7F795E

■ 7F7B6B

■ 7F7E77

# Harmonies

## Analogous

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



9F581F



7F6805



557418

# Triad

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



7F6805



007D93



9C4C95

# Complementary

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



7F6805



051C7F

# 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.



695FB3



7F6805



0079B2

# Square

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



7F6805



007E69



006FBE



B3406C

# Rectangle

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



7F6805



2F7930



006FBE



8E52A1



# Sweetspot

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



7F6805



A69D76



7F051D



544F37



D4D4D4



545454



# Same Dimension

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



7F6805



A68700



5A7F05



403F39



806700



000000



# Inverse Universe

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



051C7F



001FA6



2A057F



393B40



001880

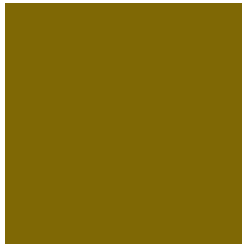


000000



# Previews

## White Background



This preview shows how the Hex color 7F6805 looks on a white background.

## Color Contrast Check

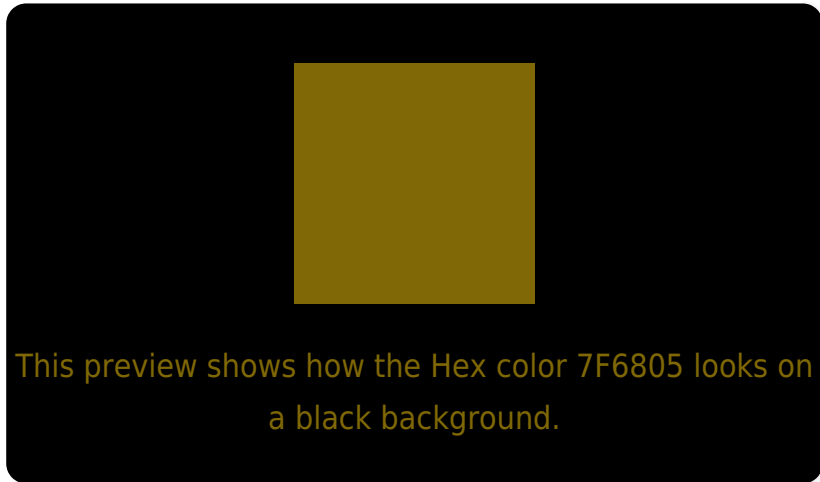
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F6805 Background



This preview shows how black text looks on a background with the Hex color 7F6805.



This preview shows how white text looks on a background with the Hex color 7F6805.

# 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**  
7F6805

**Protanopia**  
786B07

**Deuteranopia**  
86650B



**Tritanopia**  
846168

# Trichromacy



**Original Color**

7F6805

**Protanomaly**

7B6A06

**Deuteranomaly**

836609

**Tritanomaly**

826444

# Monochromacy



**Original Color**

7F6805

**Achromatopsia**

646464

**Achromatomaly**

6E6541

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F6805 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 #7F6805 looks like.

```
.text, #text, p{  
    color:#7F6805  
}
```

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 #7F6805 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F6805
}
```

## Border

The CSS property to change the border of an element to Hex 7F6805 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
#7F6805 }
```

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

```
.border{ border-color:#7F6805 }
```

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

Here you see how a box with a 4 pixel #7F6805 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F6805; -webkit-box-shadow:4px 4px  
4px 4px #7F6805; box-shadow:4px 4px 4px  
4px #7F6805 }
```

# Background

The CSS property to change the background color of an element to Hex 7F6805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F6805 }
```

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

```
.background{ background-color:#7F6805 }
```

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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