

# Converting Colors

Hex(6D8401)

Have a look what the booklet for  
Hex(6D8401) contains.

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**Color**

**Hex(6D8401)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D8401
RGB	109, 132, 1
RGB Percent	43%, 52%, 0%
CMY	0.5725, 0.4824, 0.9961
CMYK	0.17, 0.00, 0.99, 0.48
HSL	71°, 98%, 26%
HSV	71°, 99%, 52%
XYZ	14.5634, 19.7559, 3.0744
YIQ	110.1890, 28.3430, -45.6170

# Conversions

## Conversions Part 2

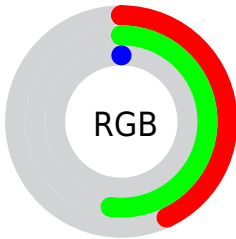
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	1, 132, 24
Decimal	7177217
CIE Lab	51.56, -23.65, 55.58
CIE LCh	52, 60.405, 113.053
Yxy	19.7559, 0.3895, 0.5283
Android (android.graphics.Color)	4285367297 (0xFF6D8401)
YUV	110.1890, -53.8302, -1.0428
Hunter-Lab	44.4476, -19.2973, 27.0123

# Details

The Hex color **6D8401** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **180184**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **A4B943**, and **395200** is the 20% darker color. If you saturate the color by 10%, you get **6D8400**, and if you desaturate by 10%, it is **6F840E**.

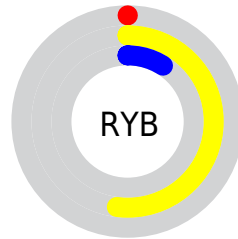
# Distribution



Red (43%)

Green (52%)

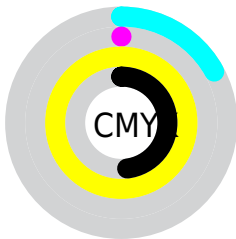
Blue (0%)



Red (0%)

Yellow (52%)

Blue (9%)

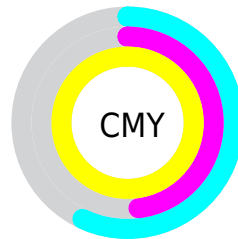


Cyan (17%)

Magenta (0%)

Yellow (99%)

Black (48%)



Cyan (57%)

Magenta (48%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D8401 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 6D8401 by changing the saturation by 10% instead.





6D8401



6D8401

FFFFFF



526B00



A4B943



395200



C0D55D



1E3B00



DDF178



002600



FBFF93



000B00



FFFFAF



000000



FFFFCB



FFFFE8



6D8401



6D8401

■ 6D8400

■ 6F840E

■ 72841B

■ 748429

■ 768436

■ 798443

■ 7B8450

■ 7D845D

■ 80846B

■ 828478

# Harmonies

## Analogous

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



9D7400



6D8401



208D38

# Triad

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



6D8401



008FCD



D14789

# Complementary

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



6D8401



180184

# 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.



AD5ABA



6D8401



0085E2

# Square

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



6D8401



0093A2



6172DB



D64A56

# Rectangle

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



6D8401



00915B



6172DB



C84B9A



# Sweetspot

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



6D8401



A2AB78



841701



515737



D6D6D6



575757



# Same Dimension

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



6D8401



8DAB00



2D8401



41423C



6B8200



020300



# Inverse Universe

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



180184



1E00AB



580184



3D3C42



170082



000003



# Previews

## White Background



This preview shows how the Hex color 6D8401 looks on a white background.

## Color Contrast Check

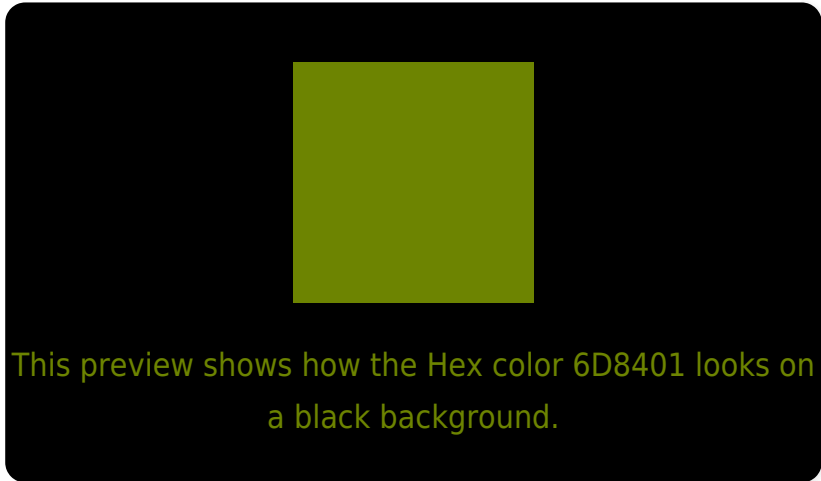
Large Text (above 18pt) WCAG AA ✓ Pass

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 6D8401 Background



This preview shows how black text looks on a background with the Hex color 6D8401.



This preview shows how white text looks on a background with the Hex color 6D8401.

# 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**  
6D8401

**Protanopia**  
8A7B00

**Deuteranopia**  
9B7417



**Tritanopia**  
787B84

# Trichromacy



**Original Color**  
6D8401

**Protanomaly**  
7F7E00

**Deuteranomaly**  
8A7A0F

**Tritanomaly**  
747E54

# Monochromacy



**Original Color**  
6D8401

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
6E7646

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D8401 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 #6D8401 looks like.

```
.text, #text, p{  
    color:#6D8401  
}
```

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 #6D8401 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D8401
}
```

## Border

The CSS property to change the border of an element to Hex 6D8401 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
#6D8401 }
```

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

```
.border{ border-color:#6D8401 }
```

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

Here you see how a box with a 4 pixel #6D8401 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D8401; -webkit-box-shadow:4px 4px  
4px 4px #6D8401; box-shadow:4px 4px 4px  
4px #6D8401 }
```

# Background

The CSS property to change the background color of an element to Hex 6D8401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D8401 }
```

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

```
.background{ background-color:#6D8401 }
```

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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