

# Converting Colors

Hex(6B8400)

Have a look what the booklet for  
Hex(6B8400) contains.

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**Color**

**Hex(6B8400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B8400
RGB	107, 132, 0
RGB Percent	42%, 52%, 0%
CMY	0.5804, 0.4824, 1.0000
CMYK	0.19, 0.00, 1.00, 0.48
HSL	71°, 100%, 26%
HSV	71°, 100%, 52%
XYZ	14.3147, 19.6283, 3.0342
YIQ	109.4770, 27.4720, -46.3520

# Conversions

## Conversions Part 2

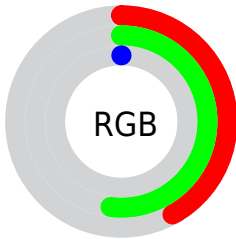
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 132, 25
Decimal	7046144
CIELab	51.41, -24.56, 55.60
CIElCh	51, 60.779, 113.831
Yxy	19.6283, 0.3871, 0.5308
Android (android.graphics.Color)	4285236224 (0xFF6B8400)
YUV	109.4770, -53.9722, -2.1723
Hunter-Lab	44.3039, -19.8581, 26.9522

# Details

The Hex color **6B8400** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **190084**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **A2B942**, and **375200** is the 20% darker color. If you saturate the color by 10%, you get **6B8400**, and if you desaturate by 10%, it is **6E840D**.

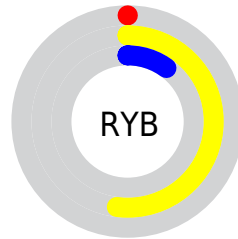
# Distribution



Red (42%)

Green (52%)

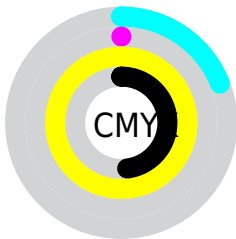
Blue (0%)



Red (0%)

Yellow (52%)

Blue (10%)

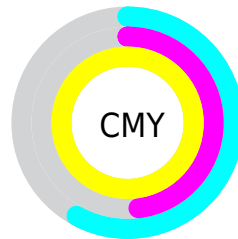


Cyan (19%)

Magenta (0%)

Yellow (100%)

Black (48%)



Cyan (58%)

Magenta (48%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B8400 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 6B8400 by changing the saturation by 10% instead.





6B8400



6B8400

FFFFFF



506B00



A2B942



375200



BED55D



1C3B00



DBF178



002500



F8FF93



000A00



FFFFAF



000000



FFFFCB



FFFFE8



6B8400

 6E840D

 70841A

 738428

 758435

 788442

 7A844F

 7D845C

 7F846A

 828477

# Harmonies

## Analogous

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



9C7400



6B8400



1A8D39

# Triad

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



6B8400



008ECE



D14588

# Complementary

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



6B8400



190084

# 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.



AE59B9



6B8400



0084E2

# Square

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



6B8400



0092A3



6371DA



D54954

# Rectangle

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



6B8400



00915C



6371DA



C94A99



# Sweetspot

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



6B8400



A1AB78



841800



515737



D6D6D6



575757



# Same Dimension

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



6B8400



8AAB00



2A8400



41423C



698200



020300



# Inverse Universe

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



190084



2000AB



5A0084



3D3C42



190082

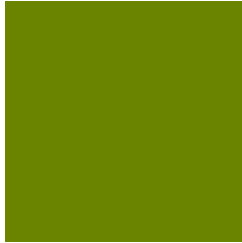


000003



# Previews

## White Background



This preview shows how the Hex color 6B8400 looks on a white background.

## Color Contrast Check

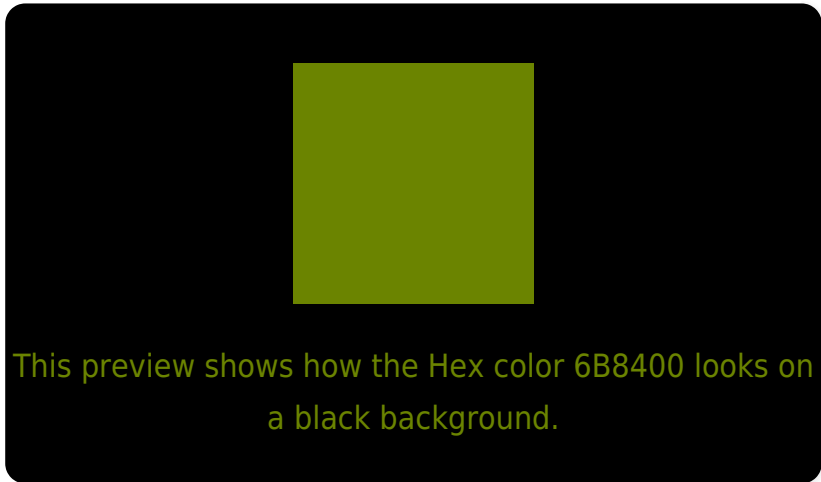
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B8400 Background



This preview shows how black text looks on a background with the Hex color 6B8400.



This preview shows how white text looks on a background with the Hex color 6B8400.

# 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**  
6B8400

**Protanopia**  
8A7B00

**Deuteranopia**  
9A7418



**Tritanopia**  
767B84

# Trichromacy



**Original Color**  
6B8400

**Protanomaly**  
7F7E00

**Deuteranomaly**  
897A0F

**Tritanomaly**  
727E54

# Monochromacy



**Original Color**  
6B8400

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
6C7545

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B8400 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 #6B8400 looks like.

```
.text, #text, p{  
    color:#6B8400  
}
```

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 #6B8400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B8400
}
```

## Border

The CSS property to change the border of an element to Hex 6B8400 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
#6B8400 }
```

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

```
.border{ border-color:#6B8400 }
```

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

Here you see how a box with a 4 pixel #6B8400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B8400; -webkit-box-shadow:4px 4px  
4px 4px #6B8400; box-shadow:4px 4px 4px  
4px #6B8400 }
```

# Background

The CSS property to change the background color of an element to Hex 6B8400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B8400 }
```

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

```
.background{ background-color:#6B8400 }
```

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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