

# Converting Colors

Hex(6B6900)

Have a look what the booklet for  
Hex(6B6900) contains.

<b>Hex(6B6900)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(6B6900)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B6900
RGB	107, 105, 0
RGB Percent	42%, 41%, 0%
CMY	0.5804, 0.5882, 1.0000
CMYK	0.00, 0.02, 1.00, 0.58
HSL	59°, 100%, 21%
HSV	59°, 100%, 42%
XYZ	11.1150, 13.2290, 1.9676
YIQ	93.6280, 34.8970, -32.2310

# Conversions

## Conversions Part 2

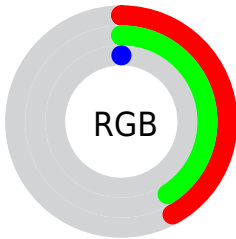
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	2, 107, 0
Decimal	7039232
CIE <sub>Lab</sub>	43.11, -10.26, 49.42
CIE <sub>LCh</sub>	43, 50.477, 101.728
Yxy	13.2290, 0.4224, 0.5028
Android (android.graphics.Color)	4285229312 (0xFF6B6900)
YUV	93.6280, -46.1586, 11.7272
Hunter-Lab	36.3716, -9.1017, 22.2527

# Details

The Hex color **6B6900** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **00026B**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **A29C3C**, and **373A00** is the 20% darker color. If you saturate the color by 10%, you get **6B6900**, and if you desaturate by 10%, it is **6B690B**.

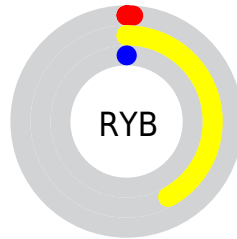
# Distribution



Red (42%)

Green (41%)

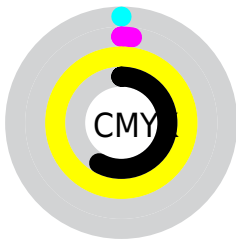
Blue (0%)



Red (1%)

Yellow (42%)

Blue (0%)

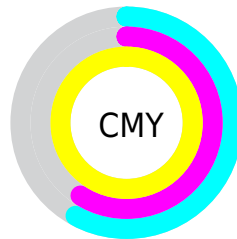


Cyan (0%)

Magenta (2%)

Yellow (100%)

Black (58%)



Cyan (58%)

Magenta (59%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B6900 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 6B6900 by changing the saturation by 10% instead.



 6B6900

 6B6900

 FFFFFB

 515100

 A29C3C

 373A00

 BEB756

 1F2500

 DBD270

 001100

 F8EE8A

 000000

 FFFFA5

 FFFFC1

 FFFFDE

 6B6900

 6B690B

 6B6915

 6B6A20

 6B6A2B

 6B6A36

 6B6A40

 6B6A4B

 6B6B56

 6B6B60

# Harmonies

## Analogous

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



8F5A0D



6B6900



3C7322

# Triad

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



6B6900



00789D



A44181

# Complementary

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



6B6900



00026B

# 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.



7C53A5



6B6900



0071B5

# Square

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



6B6900



007976



2765B8



B13C57

# Rectangle

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



6B6900



00763C



2765B8



9A468E



# Sweetspot

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



6B6900



8C8B62



6B0004



47472E



C7C7C7



474747



# Same Dimension

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



6B6900



8C8A00



396B00



363530



757300



F5F000



# Inverse Universe

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



00026B



00038C



32006B



303036



000275



0005F5



# Previews

## White Background



This preview shows how the Hex color 6B6900 looks on a white background.

## Color Contrast Check

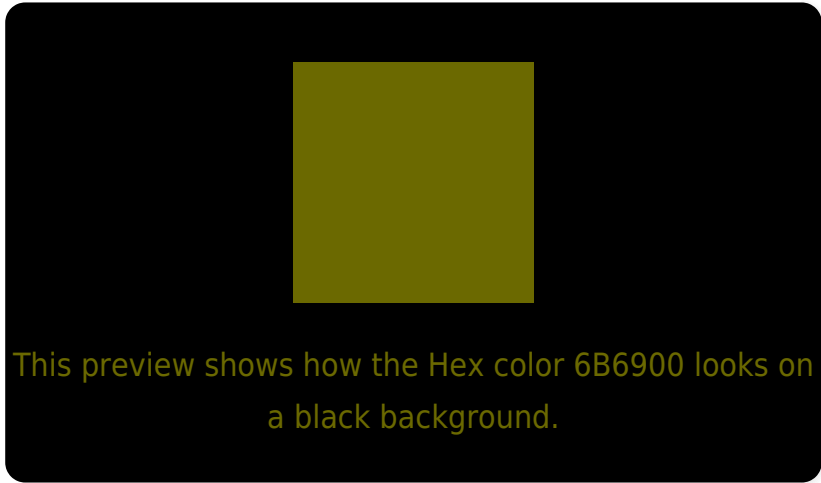
Large Text (above 18pt) WCAG AA ✓ Pass

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

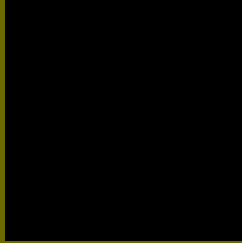
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B6900 Background



This preview shows how black text looks on a background with the Hex color 6B6900.



This preview shows how white text looks on a background with the Hex color 6B6900.

# 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**  
6B6900

**Protanopia**  
736600

**Deuteranopia**  
816110



**Tritanopia**  
726269

# Trichromacy



**Original Color**  
6B6900

**Protanomaly**  
706700

**Deuteranomaly**  
79640A

**Tritanomaly**  
6F6543

# Monochromacy



**Original Color**  
6B6900

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
63623C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B6900 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 #6B6900 looks like.

```
.text, #text, p{  
    color:#6B6900  
}
```

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 #6B6900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B6900
}
```

## Border

The CSS property to change the border of an element to Hex 6B6900 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
#6B6900 }
```

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

```
.border{ border-color:#6B6900 }
```

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

Here you see how a box with a 4 pixel #6B6900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B6900; -webkit-box-shadow:4px 4px  
4px 4px #6B6900; box-shadow:4px 4px 4px  
4px #6B6900 }
```

# Background

The CSS property to change the background color of an element to Hex 6B6900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B6900 }
```

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

```
.background{ background-color:#6B6900 }
```

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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