

# Converting Colors

Hex(6B8E00)

Have a look what the booklet for  
Hex(6B8E00) contains.

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**Color**

**Hex(6B8E00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B8E00
RGB	107, 142, 0
RGB Percent	42%, 56%, 0%
CMY	0.5804, 0.4431, 1.0000
CMYK	0.25, 0.00, 1.00, 0.44
HSL	75°, 100%, 28%
HSV	75°, 100%, 56%
XYZ	15.7364, 22.4718, 3.5081
YIQ	115.3470, 24.7220, -51.5820

# Conversions

## Conversions Part 2

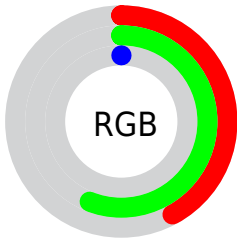
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 142, 35
Decimal	7048704
CIELab	54.52, -29.43, 57.95
CIElCh	55, 64.997, 116.923
Yxy	22.4718, 0.3772, 0.5387
Android (android.graphics.Color)	4285238784 (0xFF6B8E00)
YUV	115.3470, -56.8661, -7.3203
Hunter-Lab	47.4044, -23.7028, 28.7954

# Details

The Hex color **6B8E00** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **23008E**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **A2C445**, and **365B00** is the 20% darker color. If you saturate the color by 10%, you get **6B8E00**, and if you desaturate by 10%, it is **6F8E0E**.

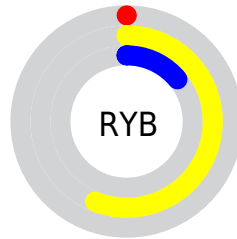
# Distribution



Red (42%)

Green (56%)

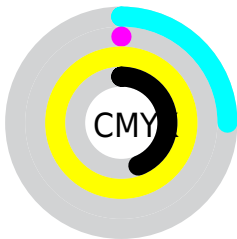
Blue (0%)



Red (0%)

Yellow (56%)

Blue (14%)

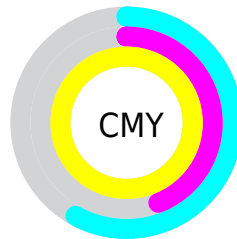


Cyan (25%)

Magenta (0%)

Yellow (100%)

Black (44%)



Cyan (58%)

Magenta (44%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B8E00 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 6B8E00 by changing the saturation by 10% instead.





6B8E00



6B8E00

FFFFFF



507400



A2C445



365B00



BFE060



194400



DCFC7B



002D00



F9FF96



001800



FFFFB2



000000



FFFCE



FFFEB



6B8E00

 6F8E0E

 728E1C

 768E2B

 798E39

 7D8E47

 808E55

 848E63

 878E72

 8B8E80

# Harmonies

## Analogous

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



A17E00



6B8E00



009741

# Triad

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



6B8E00



0097E0



E2478B

# Complementary

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



6B8E00



23008E

# 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.



C05BC1



6B8E00



008BF3

# Square

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



6B8E00



009CB4



7476E7



E34E53

# Rectangle

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



6B8E00



009B67



7476E7



DA4B9D



# Sweetspot

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



6B8E00



AAB881



8E2100



545C3B



DBDBDB



5C5C5C



# Same Dimension

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



6B8E00



8AB800



268E00



464740



668700



060800



# Inverse Universe

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



23008E



2D00B8



68008E



424047



210087



020008



# Previews

## White Background



This preview shows how the Hex color 6B8E00 looks on a white background.

## Color Contrast Check

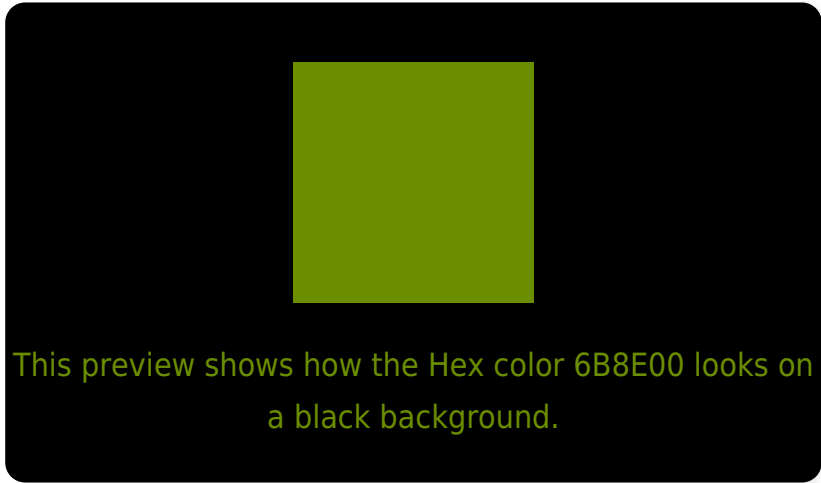
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B8E00 Background



This preview shows how black text looks on a background with the Hex color 6B8E00.



This preview shows how white text looks on a background with the Hex color 6B8E00.

# 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





**Tritanopia**  
78848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B8E00 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 #6B8E00 looks like.

```
.text, #text, p{  
    color:#6B8E00  
}
```

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 #6B8E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B8E00
}
```

## Border

The CSS property to change the border of an element to Hex 6B8E00 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
#6B8E00 }
```

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

```
.border{ border-color:#6B8E00 }
```

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

Here you see how a box with a 4 pixel #6B8E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B8E00; -webkit-box-shadow:4px 4px  
4px 4px #6B8E00; box-shadow:4px 4px 4px  
4px #6B8E00 }
```

# Background

The CSS property to change the background color of an element to Hex 6B8E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B8E00 }
```

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

```
.background{ background-color:#6B8E00 }
```

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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