

# Converting Colors

Hex(6A7D00)

Have a look what the booklet for  
Hex(6A7D00) contains.

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**Color**

**Hex(6A7D00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A7D00
RGB	106, 125, 0
RGB Percent	42%, 49%, 0%
CMY	0.5843, 0.5098, 1.0000
CMYK	0.15, 0.00, 1.00, 0.51
HSL	69°, 100%, 25%
HSV	69°, 100%, 49%
XYZ	13.2775, 17.7314, 2.7227
YIQ	105.0690, 28.8010, -42.9030

# Conversions

## Conversions Part 2

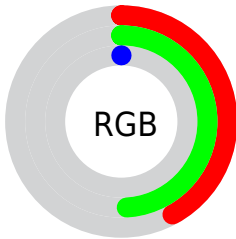
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 125, 19
Decimal	6978816
CIELab	49.17, -21.46, 53.87
CIElCh	49, 57.993, 111.723
Yxy	17.7314, 0.3936, 0.5257
Android (android.graphics.Color)	4285168896 (0xFF6A7D00)
YUV	105.0690, -51.7990, 0.8165
Hunter-Lab	42.1087, -17.4065, 25.6424

# Details

The Hex color **6A7D00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **13007D**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **A1B241**, and **364C00** is the 20% darker color. If you saturate the color by 10%, you get **6A7D00**, and if you desaturate by 10%, it is **6C7D0C**.

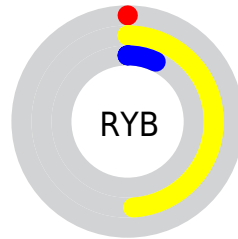
# Distribution



Red (42%)

Green (49%)

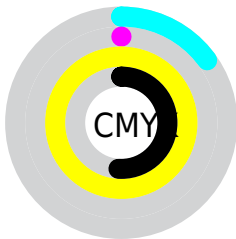
Blue (0%)



Red (0%)

Yellow (49%)

Blue (7%)

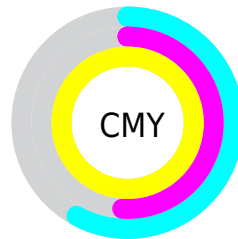


Cyan (15%)

Magenta (0%)

Yellow (100%)

Black (51%)



Cyan (58%)

Magenta (51%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A7D00 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 6A7D00 by changing the saturation by 10% instead.



 6A7D00

 6A7D00

FFFFFF

 506400

 A1B241

 364C00

 BDCD5B

 1C3500

 DAE976

 002100

 F7FF91

 000000

 FFFFAC

 FFFFC8

 FFFF E5

 6A7D00

 6C7D0C

 6E7D19

 707D26

 727D32

 747D3F

 757D4B

 777D57

 797D64

 7B7D71

# Harmonies

## Analogous

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



986E00



6A7D00



258633

# Triad

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



6A7D00



0088C1



C64485

# Complementary

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



6A7D00



13007D

# 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.



A257B2



6A7D00



007FD7

# Square

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



6A7D00



008B98



586ED1



CC4654

# Rectangle

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



6A7D00



008A54



586ED1



BD4995



# Sweetspot

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



6A7D00



9CA372



7D1300



4D5234



D1D1D1



525252



# Same Dimension

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



6A7D00



8AA300



2C7D00



3F4039



6C8000



000000



# Inverse Universe

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



13007D



1900A3



51007D



3A3940



130080



000000



# Previews

## White Background



This preview shows how the Hex color 6A7D00 looks on a white background.

## Color Contrast Check

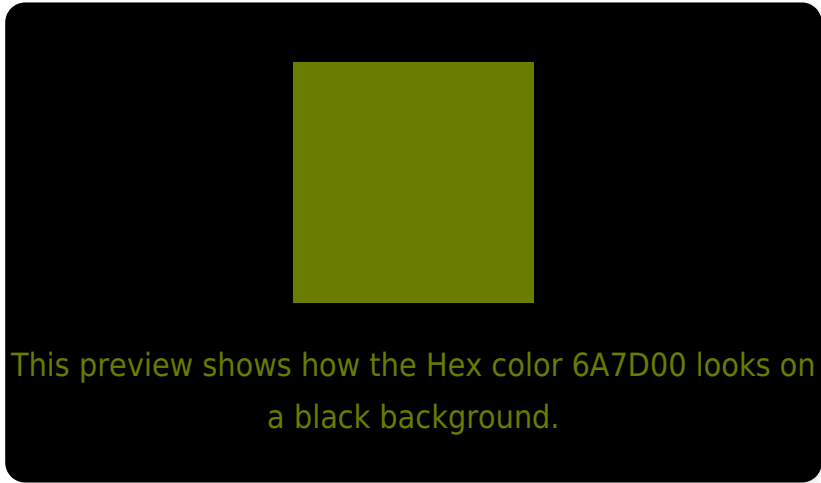
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 6A7D00 Background



This preview shows how black text looks on a background with the Hex color 6A7D00.



This preview shows how white text looks on a background with the Hex color 6A7D00.

# 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**  
6A7D00

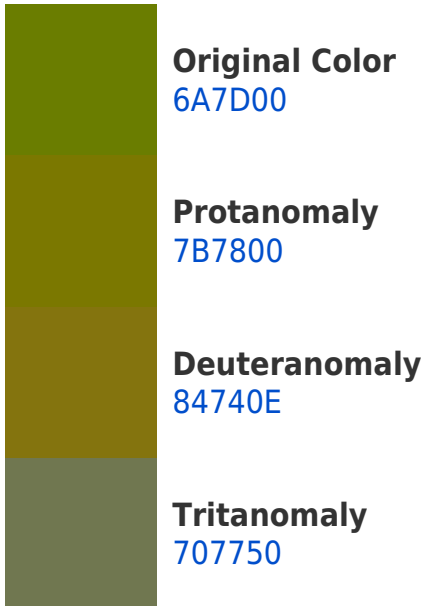
**Protanopia**  
847500

**Deuteranopia**  
936F16

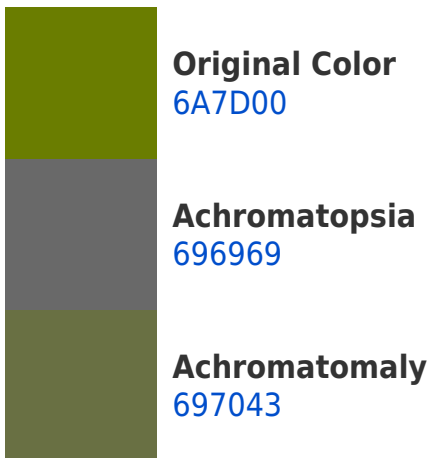


**Tritanopia**  
74747D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A7D00 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 #6A7D00 looks like.

```
.text, #text, p{  
    color:#6A7D00  
}
```

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 #6A7D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7D00
}
```

## Border

The CSS property to change the border of an element to Hex 6A7D00 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
#6A7D00 }
```

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

```
.border{ border-color:#6A7D00 }
```

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

Here you see how a box with a 4 pixel #6A7D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7D00; -webkit-box-shadow:4px 4px  
4px 4px #6A7D00; box-shadow:4px 4px 4px  
4px #6A7D00 }
```

# Background

The CSS property to change the background color of an element to Hex 6A7D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7D00 }
```

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

```
.background{ background-color:#6A7D00 }
```

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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