

# Converting Colors

Hex(6A7C1D)

Have a look what the booklet for  
Hex(6A7C1D) contains.

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**Color**

**Hex(6A7C1D)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 6A7C1D                      |
| RGB         | 106, 124, 29                |
| RGB Percent | 42%, 49%, 11%               |
| CMY         | 0.5843, 0.5137, 0.8863      |
| CMYK        | 0.15, 0.00, 0.77, 0.51      |
| HSL         | 71°, 62%, 30%               |
| HSV         | 71°, 77%, 49%               |
| XYZ         | 13.3733, 17.5682, 3.8485    |
| YIQ         | 107.7880, 19.7670, -33.3610 |

# Conversions

## Conversions Part 2

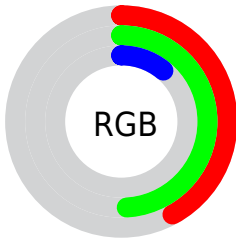
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 29, 124, 47                    |
| Decimal                             | 6978589                        |
| CIE Lab                             | 48.97, -19.98, 46.38           |
| CIE LCh                             | 49, 50.498, 113.304            |
| Yxy                                 | 17.5682, 0.3844,<br>0.5050     |
| Android<br>(android.graphics.Color) | 4285168669<br>(0xFF6A7C1D)     |
| YUV                                 | 107.7880, -38.8425,<br>-1.5681 |
| Hunter-Lab                          | 41.9144, -16.3977,<br>23.8961  |

# Details

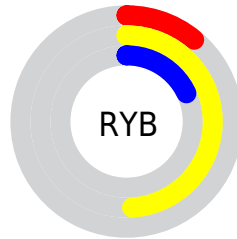
The Hex color **6A7C1D** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2F1D7C**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **A0B151**, and **374B00** is the 20% darker color. If you saturate the color by 10%, you get **687C11**, and if you desaturate by 10%, it is **6C7C29**.

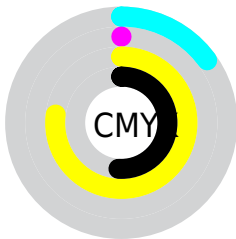
# Distribution



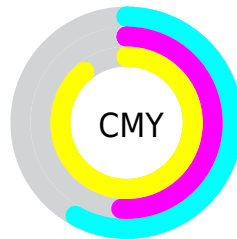
- Red (42%)
- Green (49%)
- Blue (11%)



- Red (11%)
- Yellow (49%)
- Blue (18%)



- Cyan (15%)
- Magenta (0%)
- Yellow (77%)
- Black (51%)



- Cyan (58%)
- Magenta (51%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A7C1D 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 6A7C1D by changing the saturation by 10% instead.





6A7C1D



6A7C1D

FFFFFF



506300



A0B151



374B00



BCCC6B



1E3400



D8E885



002000



F5FFA0



000000



FFFFBB



FFFFD8



FFFFF5



6A7C1D



6A7C1D

■ 687C11

■ 6C7C29

■ 657C04

■ 6F7C36

■ 657C00

■ 717C42

■ 737C4F

■ 767C5B

■ 787C67

■ 7A7C74

■ 7D7C80

■ 7F7C8D

# Harmonies

## Analogous

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



936F16



6A7C1D



32843E

# Triad

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



6A7C1D



0085B8



BC4D80

# Complementary

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



6A7C1D



2F1D7C

# 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.



9F5AA8



6A7C1D



007CC9

# Square

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



6A7C1D



008995



636DC3



C14F55

# Rectangle

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



6A7C1D



00875A



636DC3



B6508E



# Sweetspot

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



6A7C1D



9AA17C



7C2E1D



4D523B



D1D1D1



525252



# Same Dimension

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



6A7C1D



85A10D



3B7C1D



3C3D37



657D00



CDFC00



# Inverse Universe

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



2F1D7C



290DA1



5E1D7C



38373D



18007D



3000FC



# Previews

## White Background



This preview shows how the Hex color 6A7C1D looks on a white background.

## Color Contrast Check

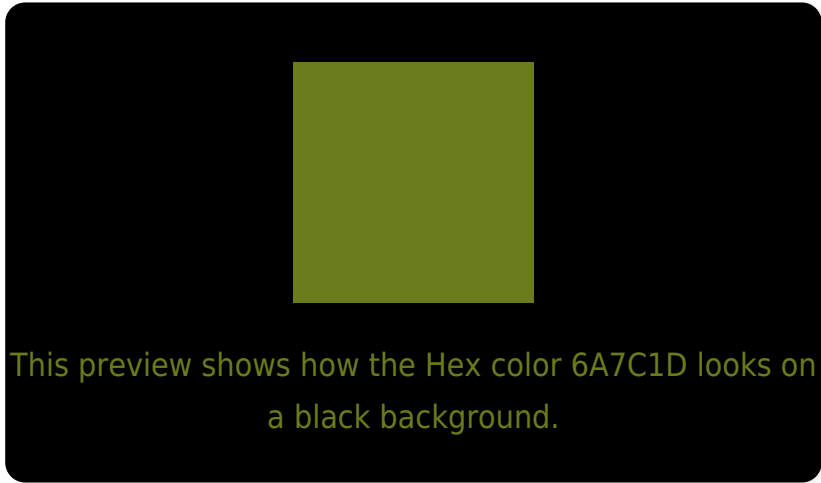
Large Text (above 18pt) WCAG AA ✓ Pass

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

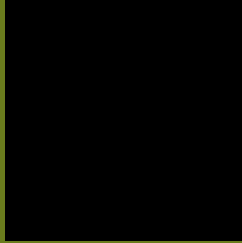
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6A7C1D Background



This preview shows how black text looks on a background with the Hex color 6A7C1D.



This preview shows how white text looks on a background with the Hex color 6A7C1D.

# 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**  
6A7C1D

**Protanopia**  
83741B

**Deuteranopia**  
926E23



# Trichromacy



**Original Color**  
6A7C1D

**Protanomaly**  
7A771C

**Deuteranomaly**  
837321

**Tritanomaly**  
70775A

# Monochromacy



**Original Color**  
6A7C1D

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
6B724F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A7C1D 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 #6A7C1D looks like.

```
.text, #text, p{  
    color:#6A7C1D  
}
```

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 #6A7C1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7C1D
}
```

## Border

The CSS property to change the border of an element to Hex 6A7C1D 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
#6A7C1D }
```

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

```
.border{ border-color:#6A7C1D }
```

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

Here you see how a box with a 4 pixel #6A7C1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7C1D; -webkit-box-shadow:4px 4px  
4px 4px #6A7C1D; box-shadow:4px 4px 4px  
4px #6A7C1D }
```

# Background

The CSS property to change the background color of an element to Hex 6A7C1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7C1D }
```

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

```
.background{ background-color:#6A7C1D }
```

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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