

Converting Colors

Hex(6B7C1F)

Have a look what the booklet for
Hex(6B7C1F) contains.

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Color

Hex(6B7C1F)

Conversions

Conversions Part 1

Format	Color
Hex	6B7C1F
RGB	107, 124, 31
RGB Percent	42%, 49%, 12%
CMY	0.5804, 0.5137, 0.8784
CMYK	0.14, 0.00, 0.75, 0.51
HSL	71°, 60%, 30%
HSV	71°, 75%, 49%
XYZ	13.5184, 17.6400, 3.9887
YIQ	108.3150, 19.7210, -32.5270

Conversions

Conversions Part 2

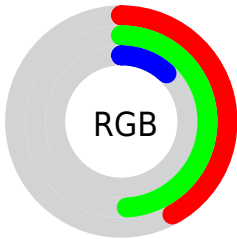
Format	Color
RYB	31, 124, 48
Decimal	7044127
CIELab	49.06, -19.42, 45.74
CIELCh	49, 49.695, 113.005
Yxy	17.6400, 0.3846, 0.5019
Android (android.graphics.Color)	4285234207 (0xFF6B7C1F)
YUV	108.3150, -38.1163, -1.1533
Hunter-Lab	42.0000, -16.0470, 23.7693

Details

The Hex color **6B7C1F** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **301F7C**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **A1B152**, and **384B00** is the 20% darker color. If you saturate the color by 10%, you get **697C13**, and if you desaturate by 10%, it is **6D7C2B**.

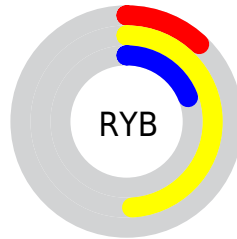
Distribution



Red (42%)

Green (49%)

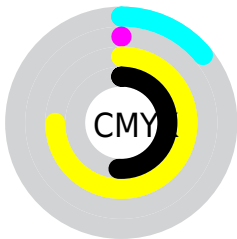
Blue (12%)



Red (12%)

Yellow (49%)

Blue (19%)

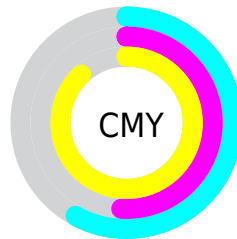


Cyan (14%)

Magenta (0%)

Yellow (75%)

Black (51%)



Cyan (58%)

Magenta (51%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B7C1F 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 6B7C1F by changing the saturation by 10% instead.



6B7C1F



6B7C1F

FFFFFF



516300



A1B152



384B00



BDCC6C



1F3400



D9E886



002000



F6FFA1



000000



FFFFBD



FFFFD9



FFFFF6



6B7C1F



6B7C1F

697C13

6D7C2B

667C06

707C38

657C00

727C44

747C51

767C5D

797C69

7B7C76

7D7C82

7F7C8F

Harmonies

Analogous

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



936F19



6B7C1F



34843F

Triad

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



6B7C1F



0085B7



BC4E80

Complementary

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



6B7C1F



301F7C

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.



9E5BA8



6B7C1F



007CC8

Square

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



6B7C1F



008994



636EC2



C05056

Rectangle

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



6B7C1F



00875A



636EC2



B5518E

Sweetspot

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



6B7C1F



9AA17C



7C2F1F



4D523B



D1D1D1



525252

Same Dimension

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



6B7C1F



86A110



3E7C1F



3C3D37



667D00



CEFC00

Inverse Universe

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



301F7C



2A10A1



5D1F7C



38373D



17007D



2E00FC

Previews

White Background



This preview shows how the Hex color 6B7C1F 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

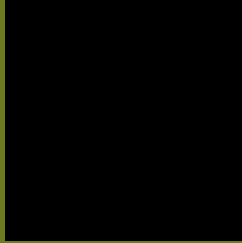
Any Text WCAG AA ✓ Pass

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 6B7C1F Background



This preview shows how black text looks on a background with the Hex color 6B7C1F.



This preview shows how white text looks on a background with the Hex color 6B7C1F.

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
6B7C1F

Protanopia
83751D

Deuteranopia
926F25



Tritanopia
74747D

Trichromacy



Original Color
6B7C1F

Protanomaly
7A781E

Deuteranomaly
847423

Tritanomaly
71775B

Monochromacy



Original Color
6B7C1F

Achromatopsia
6C6C6C

Achromatomaly
6C7250

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B7C1F 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 #6B7C1F looks like.

```
.text, #text, p{  
    color:#6B7C1F  
}
```

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 #6B7C1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7C1F
}
```

Border

The CSS property to change the border of an element to Hex 6B7C1F 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
#6B7C1F }
```

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

```
.border{ border-color:#6B7C1F }
```

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

Here you see how a box with a 4 pixel #6B7C1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7C1F; -webkit-box-shadow:4px 4px  
4px 4px #6B7C1F; box-shadow:4px 4px 4px  
4px #6B7C1F }
```

Background

The CSS property to change the background color of an element to Hex 6B7C1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7C1F }
```

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

```
.background{ background-color:#6B7C1F }
```

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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