

Converting Colors

Hex(6C7E17)

Have a look what the booklet for
Hex(6C7E17) contains.

Hex(6C7E17)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6C7E17)

Conversions

Conversions Part 1

Format	Color
Hex	6C7E17
RGB	108, 126, 23
RGB Percent	42%, 49%, 9%
CMY	0.5765, 0.5059, 0.9098
CMYK	0.14, 0.00, 0.82, 0.51
HSL	70°, 69%, 29%
HSV	70°, 82%, 49%
XYZ	13.7999, 18.1717, 3.5908
YIQ	108.8760, 22.3350, -35.8490

Conversions

Conversions Part 2

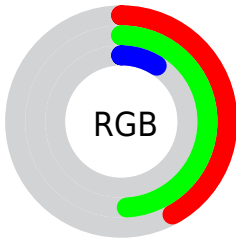
Format	Color
RYB	23, 126, 41
Decimal	7110167
CIELab	49.70, -20.41, 49.15
CIELCh	50, 53.216, 112.555
Yxy	18.1717, 0.3880, 0.5110
Android (android.graphics.Color)	4285300247 (0xFF6C7E17)
YUV	108.8760, -42.3369, -0.7683
Hunter-Lab	42.6283, -16.8146, 24.8455

Details

The Hex color **6C7E17** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **29177E**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **A2B34D**, and **394D00** is the 20% darker color. If you saturate the color by 10%, you get **6A7E0A**, and if you desaturate by 10%, it is **6E7E24**.

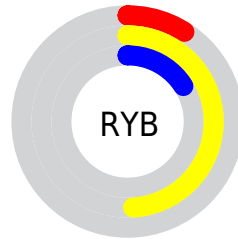
Distribution



Red (42%)

Green (49%)

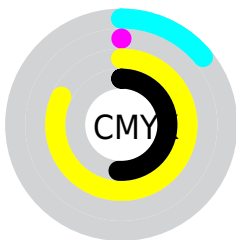
Blue (9%)



Red (9%)

Yellow (49%)

Blue (16%)

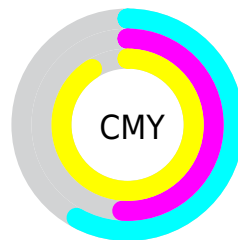


Cyan (14%)

Magenta (0%)

Yellow (82%)

Black (51%)



Cyan (58%)

Magenta (51%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C7E17 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 6C7E17 by changing the saturation by 10% instead.



6C7E17



6C7E17

FFFFFF



526500



A2B34D



394D00



BECE67



1F3600



DBEA81



012100



F8FF9C



000000



FFFFB8



FFFFD4



FFFFF1



6C7E17



6C7E17

■ 6A7E0A

■ 6E7E24

■ 687E00

■ 707E30

■ 737E3D

■ 757E49

■ 777E56

■ 797E63

■ 7B7E6F

■ 7E7E7C

■ 807E88

Harmonies

Analogous

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



967010



6C7E17



30873C

Triad

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



6C7E17



0088BD



C24B83

Complementary

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



6C7E17



29177E

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.



A25BAE



6C7E17



007FD0

Square

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



6C7E17



008B98



616FCA



C74D56

Rectangle

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



6C7E17



008A59



616FCA



BA4F92

Sweetspot

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



6C7E17



9CA37A



7E2817



4D5239



D1D1D1



525252

Same Dimension

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



6C7E17



87A303



397E17



3F4039



698000



000000

Inverse Universe

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



29177E



1F03A3



5C177E



3A3940



160080



000000

Previews

White Background



This preview shows how the Hex color 6C7E17 looks on a white background.

Color Contrast Check

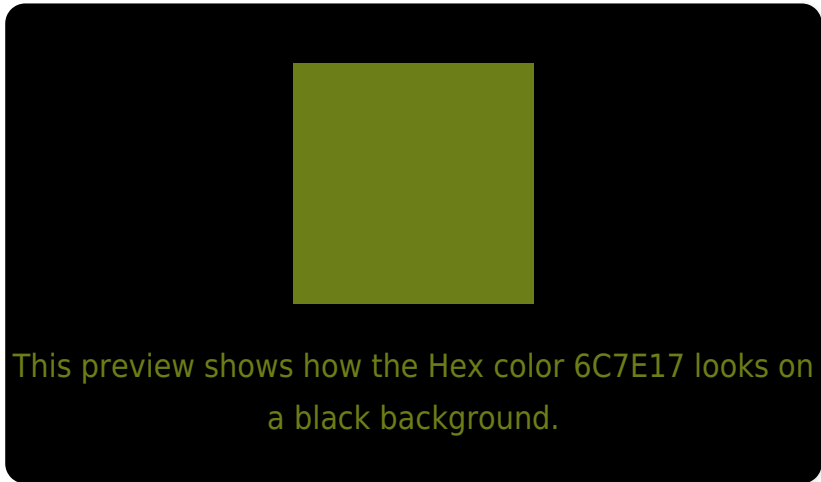
Large Text (above 18pt) WCAG AA ✓ Pass

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

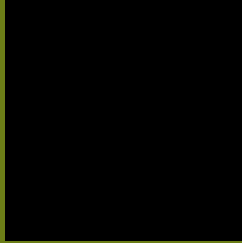
Any Text WCAG AA ✓ Pass

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 6C7E17 Background



This preview shows how black text looks on a background with the Hex color 6C7E17.



This preview shows how white text looks on a background with the Hex color 6C7E17.

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
6C7E17

Protanopia
857615

Deuteranopia
94701F



Tritanopia
76757F

Trichromacy



Original Color
6C7E17

Protanomaly
7C7916

Deuteranomaly
85751C

Tritanomaly
727859

Monochromacy



Original Color
6C7E17

Achromatopsia
6D6D6D

Achromatomaly
6D734E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C7E17 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 #6C7E17 looks like.

```
.text, #text, p{  
    color:#6C7E17  
}
```

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 #6C7E17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C7E17
}
```

Border

The CSS property to change the border of an element to Hex 6C7E17 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
#6C7E17 }
```

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

```
.border{ border-color:#6C7E17 }
```

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

Here you see how a box with a 4 pixel #6C7E17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C7E17; -webkit-box-shadow:4px 4px  
4px 4px #6C7E17; box-shadow:4px 4px 4px  
4px #6C7E17 }
```

Background

The CSS property to change the background color of an element to Hex 6C7E17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C7E17 }
```

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

```
.background{ background-color:#6C7E17 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor