

Converting Colors

Hex(6C7B25)

Have a look what the booklet for
Hex(6C7B25) contains.

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Color

Hex(6C7B25)

Conversions

Conversions Part 1

Format	Color
Hex	6C7B25
RGB	108, 123, 37
RGB Percent	42%, 48%, 15%
CMY	0.5765, 0.5176, 0.8549
CMYK	0.12, 0.00, 0.70, 0.52
HSL	70°, 54%, 31%
HSV	70°, 70%, 48%
XYZ	13.6012, 17.4876, 4.4089
YIQ	108.7110, 18.6660, -29.9260

Conversions

Conversions Part 2

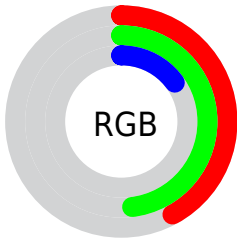
Format	Color
RYB	37, 123, 52
Decimal	7109413
CIELab	48.87, -18.08, 43.16
CIELCh	49, 46.798, 112.726
Yxy	17.4876, 0.3832, 0.4926
Android (android.graphics.Color)	4285299493 (0xFF6C7B25)
YUV	108.7110, -35.3535, -0.6235
Hunter-Lab	41.8182, -15.1254, 23.0219

Details

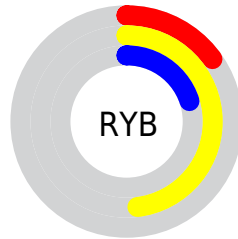
The Hex color **6C7B25** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **34257B**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **A2AF57**, and **394A00** is the 20% darker color. If you saturate the color by 10%, you get **6A7B19**, and if you desaturate by 10%, it is **6E7B31**.

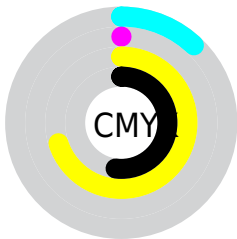
Distribution



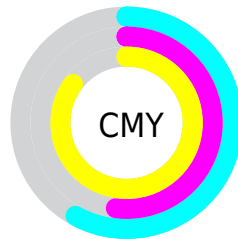
- Red (42%)
- Green (48%)
- Blue (15%)



- Red (15%)
- Yellow (48%)
- Blue (20%)



- Cyan (12%)
- Magenta (0%)
- Yellow (70%)
- Black (52%)



- Cyan (58%)
- Magenta (52%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C7B25 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 6C7B25 by changing the saturation by 10% instead.



6C7B25



6C7B25

FFFFFF



526208



A2AF57



394A00



BDCB71



213400



DAE78B



031F00



F7FFA6



000000



FFFFC2



FFFFDE



FFFFFFB



6C7B25



6C7B25

■ 6A7B19

■ 6E7B31

■ 687B0C

■ 707B3E

■ 667B00

■ 727B4A

■ 757B56

■ 777B63

■ 797B6F

■ 7B7B7B

■ 7D7B87

■ 7F7B94

Harmonies

Analogous

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



926F20



6C7B25



3A8342

Triad

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



6C7B25



0084B2



B7517F

Complementary

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



6C7B25



34257B

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.



9B5DA5



6C7B25



007BC3

Square

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



6C7B25



008792



646EBD



BC5258

Rectangle

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



6C7B25



00865B



646EBD



B0548D

Sweetspot

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



6C7B25



9BA17F



7B3325



4E523D



D1D1D1



525252

Same Dimension

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



6C7B25



89A11A



427B25



3C3D37



677D00



D0FC00

Inverse Universe

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



34257B



311AA1



5E257B



38373D



16007D



2C00FC

Previews

White Background



This preview shows how the Hex color 6C7B25 looks on a white background.

Color Contrast Check

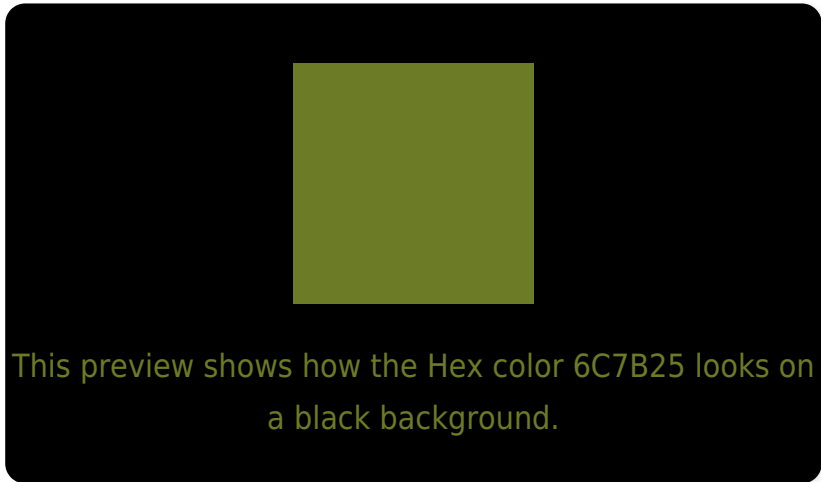
Large Text (above 18pt) WCAG AA ✓ Pass

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

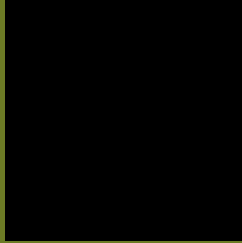
Any Text WCAG AA ✓ Pass

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 6C7B25 Background



This preview shows how black text looks on a background with the Hex color 6C7B25.



This preview shows how white text looks on a background with the Hex color 6C7B25.

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
6C7B25

Protanopia
827423

Deuteranopia
916E2A



Tritanopia
75737C

Trichromacy



Original Color
6C7B25

Protanomaly
7A7724

Deuteranomaly
847328

Tritanomaly
72765C

Monochromacy



Original Color
6C7B25

Achromatopsia
6D6D6D

Achromatomaly
6D7253

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C7B25 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 #6C7B25 looks like.

```
.text, #text, p{  
    color:#6C7B25  
}
```

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 #6C7B25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C7B25
}
```

Border

The CSS property to change the border of an element to Hex 6C7B25 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
#6C7B25 }
```

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

```
.border{ border-color:#6C7B25 }
```

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

Here you see how a box with a 4 pixel #6C7B25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C7B25; -webkit-box-shadow:4px 4px  
4px 4px #6C7B25; box-shadow:4px 4px 4px  
4px #6C7B25 }
```

Background

The CSS property to change the background color of an element to Hex 6C7B25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C7B25 }
```

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

```
.background{ background-color:#6C7B25 }
```

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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