

Converting Colors

Hex(6B7A27)

Have a look what the booklet for
Hex(6B7A27) contains.

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Color

Hex(6B7A27)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 6B7A27 |
| RGB | 107, 122, 39 |
| RGB Percent | 42%, 48%, 15% |
| CMY | 0.5804, 0.5216, 0.8471 |
| CMYK | 0.12, 0.00, 0.68, 0.52 |
| HSL | 71°, 52%, 32% |
| HSV | 71°, 68%, 48% |
| XYZ | 13.3891, 17.1914, 4.5320 |
| YIQ | 108.0530, 17.7030, -28.9930 |

Conversions

Conversions Part 2

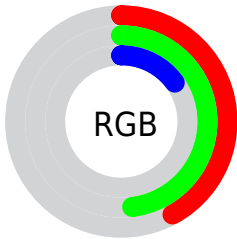
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 39, 122, 54 |
| Decimal | 7043623 |
| CIE Lab | 48.50, -17.86, 41.90 |
| CIE LCh | 49, 45.543, 113.086 |
| Yxy | 17.1914, 0.3813, 0.4896 |
| Android (android.graphics.Color) | 4285233703 (0xFF6B7A27) |
| YUV | 108.0530, -34.0431, -0.9235 |
| Hunter-Lab | 41.4625, -14.9177, 22.5431 |

Details

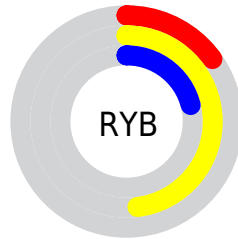
The Hex color **6B7A27** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **36277A**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **A0AE59**, and **394900** is the 20% darker color. If you saturate the color by 10%, you get **697A1B**, and if you desaturate by 10%, it is **6D7A33**.

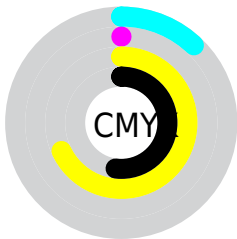
Distribution



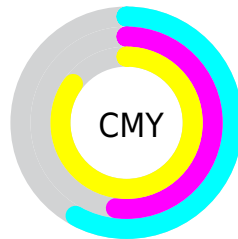
- Red (42%)
- Green (48%)
- Blue (15%)



- Red (15%)
- Yellow (48%)
- Blue (21%)



- Cyan (12%)
- Magenta (0%)
- Yellow (68%)
- Black (52%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 6B7A27 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 6B7A27 by changing the saturation by 10% instead.



6B7A27



6B7A27

FFFFFF



51610B



A0AE59



394900



BCCA72



203300



D9E68D



011E00



F6FFA8



000000



FFFFC3



FFFFE0



FFFFFD



6B7A27



6B7A27

■ 697A1B

■ 6D7A33

■ 677A0F

■ 6F7A3F

■ 647A02

■ 727A4C

■ 647A00

■ 747A58

■ 767A64

■ 787A70

■ 7A7A7C

■ 7D7A89

■ 7F7A95

Harmonies

Analogous

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



906E22



6B7A27



3B8243

Triad

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



6B7A27



0082B0



B5517E

Complementary

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



6B7A27



36277A

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.



9A5DA2



6B7A27



007AC0

Square

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



6B7A27



008690



656DBA



B95357

Rectangle

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



6B7A27



00855B



656DBA



AE548B

Sweetspot

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



6B7A27



989E7E



7A3527



4C4F3C



CFCFCF



4F4F4F

Same Dimension

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



6B7A27



879E1C



437A27



3C3D37



667D00



CFFC00

Inverse Universe

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



36277A



341C9E



5E277A



38373D



17007D



2E00FC

Previews

White Background



This preview shows how the Hex color 6B7A27 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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 6B7A27 Background



This preview shows how black text looks on a background with the Hex color 6B7A27.



This preview shows how white text looks on a background with the Hex color 6B7A27.

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
6B7A27

Protanopia
817325

Deuteranopia
8F6D2B



Tritanopia
74727B

Trichromacy



Original Color
6B7A27

Protanomaly
797626

Deuteranomaly
82722A

Tritanomaly
71755C

Monochromacy



Original Color
6B7A27

Achromatopsia
6C6C6C

Achromatomaly
6C7153

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B7A27 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 #6B7A27 looks like.

```
.text, #text, p{  
    color:#6B7A27  
}
```

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 #6B7A27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7A27
}
```

Border

The CSS property to change the border of an element to Hex 6B7A27 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
#6B7A27 }
```

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

```
.border{ border-color:#6B7A27 }
```

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

Here you see how a box with a 4 pixel #6B7A27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7A27; -webkit-box-shadow:4px 4px  
4px 4px #6B7A27; box-shadow:4px 4px 4px  
4px #6B7A27 }
```

Background

The CSS property to change the background color of an element to Hex 6B7A27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7A27 }
```

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

```
.background{ background-color:#6B7A27 }
```

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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