

# Converting Colors

Hex(6F7B27)

Have a look what the booklet for  
Hex(6F7B27) contains.

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**Color**

**Hex(6F7B27)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6F7B27
RGB	111, 123, 39
RGB Percent	44%, 48%, 15%
CMY	0.5647, 0.5176, 0.8471
CMYK	0.10, 0.00, 0.68, 0.52
HSL	69°, 52%, 32%
HSV	69°, 68%, 48%
XYZ	14.0047, 17.6919, 4.5962
YIQ	109.8360, 19.8120, -28.6680

# Conversions

## Conversions Part 2

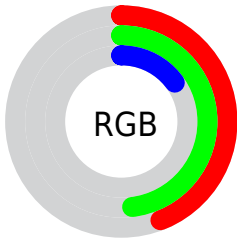
<b>Format</b>	<b>Color</b>
<b>RYB</b>	39, 123, 51
Decimal	7306023
CIELab	49.12, -16.60, 42.64
CIELCh	49, 45.757, 111.275
Yxy	17.6919, 0.3859, 0.4875
Android (android.graphics.Color)	4285496103 (0xFF6F7B27)
YUV	109.8360, -34.9221, 1.0208
Hunter-Lab	42.0618, -14.1754, 22.9644

# Details

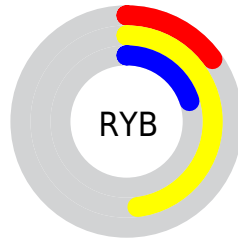
The Hex color **6F7B27** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **33277B**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **A5AF59**, and **3C4A00** is the 20% darker color. If you saturate the color by 10%, you get **6D7B1B**, and if you desaturate by 10%, it is **717B33**.

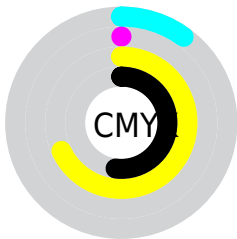
# Distribution



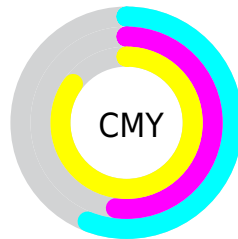
- Red (44%)
- Green (48%)
- Blue (15%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (68%)
- Black (52%)



- Cyan (56%)
- Magenta (52%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F7B27 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 6F7B27 by changing the saturation by 10% instead.





6F7B27



6F7B27

FFFFFF



55620B



A5AF59



3C4A00



C1CB73



243400



DDE78D



081F00



FAFFA8



000000



FFFFC4



FFFFE0



FFFFFD



6F7B27



6F7B27

■ 6D7B1B

■ 717B33

■ 6B7B0E

■ 737B40

■ 6A7B02

■ 747B4C

■ 697B00

■ 767B58

■ 787B65

■ 7A7B71

■ 7B7B7D

■ 7D7B89

■ 7F7B96

# Harmonies

## Analogous

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



936F24



6F7B27



408342

# Triad

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



6F7B27



0084B0



B65382

# Complementary

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



6F7B27



33277B

# 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.



995FA6



6F7B27



007CC1

# Square

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



6F7B27



008890



626FBD



BC545B

# Rectangle

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



6F7B27



00865A



626FBD



AF568F



# Sweetspot

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



6F7B27



9CA181



7B3227



4F523E



D1D1D1



525252



# Same Dimension

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



6F7B27



8EA11D



467B27



3C3D37



6B7D00



D8FC00



# Inverse Universe

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



33277B



301DA1



5C277B



38373D



12007D



2400FC



# Previews

## White Background



This preview shows how the Hex color 6F7B27 looks on a white background.

## Color Contrast Check

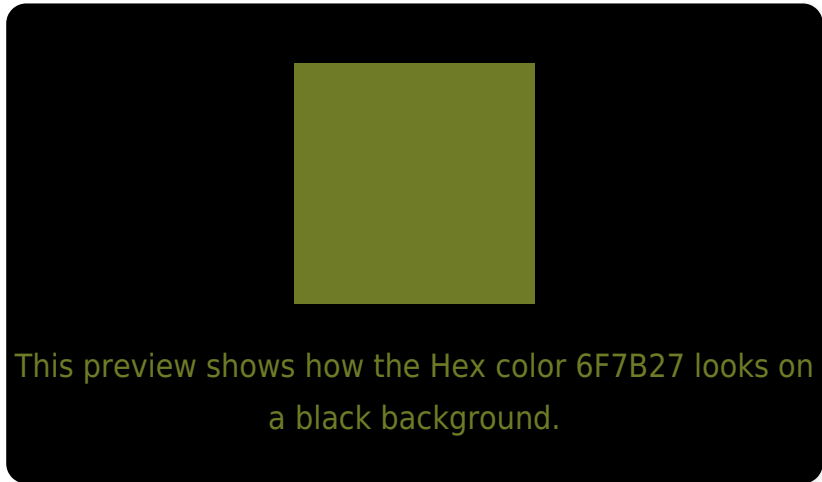
Large Text (above 18pt) WCAG AA ✓ Pass

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

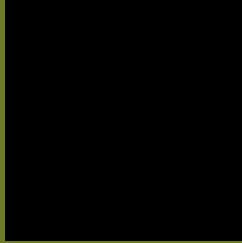
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6F7B27 Background



This preview shows how black text looks on a background with the Hex color 6F7B27.



This preview shows how white text looks on a background with the Hex color 6F7B27.

# 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**  
6F7B27

**Protanopia**  
837525

**Deuteranopia**  
916F2B



# Trichromacy



**Original Color**  
6F7B27

**Protanomaly**  
7C7726

**Deuteranomaly**  
85732A

**Tritanomaly**  
74765D

# Monochromacy



**Original Color**  
6F7B27

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
6E7354

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F7B27 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 #6F7B27 looks like.

```
.text, #text, p{  
    color:#6F7B27  
}
```

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 #6F7B27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F7B27
}
```

## Border

The CSS property to change the border of an element to Hex 6F7B27 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
#6F7B27 }
```

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

```
.border{ border-color:#6F7B27 }
```

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

Here you see how a box with a 4 pixel #6F7B27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F7B27; -webkit-box-shadow:4px 4px  
4px 4px #6F7B27; box-shadow:4px 4px 4px  
4px #6F7B27 }
```

# Background

The CSS property to change the background color of an element to Hex 6F7B27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F7B27 }
```

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

```
.background{ background-color:#6F7B27 }
```

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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