

Converting Colors

Hex(6B7627)

Have a look what the booklet for
Hex(6B7627) contains.

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Color

Hex(6B7627)

Conversions

Conversions Part 1

Format	Color
Hex	6B7627
RGB	107, 118, 39
RGB Percent	42%, 46%, 15%
CMY	0.5804, 0.5373, 0.8471
CMYK	0.09, 0.00, 0.67, 0.54
HSL	68°, 50%, 31%
HSV	68°, 67%, 46%
XYZ	12.9080, 16.2291, 4.3717
YIQ	105.7050, 18.8030, -26.9010

Conversions

Conversions Part 2

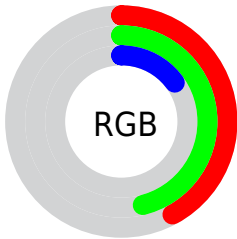
Format	Color
RYB	39, 118, 50
Decimal	7042599
CIELab	47.27, -15.73, 40.61
CIELCh	47, 43.546, 111.168
Yxy	16.2291, 0.3852, 0.4843
Android (android.graphics.Color)	4285232679 (0xFF6B7627)
YUV	105.7050, -32.8856, 1.1357
Hunter-Lab	40.2854, -13.3054, 21.7658

Details

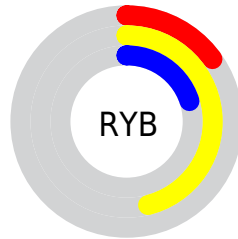
The Hex color **6B7627** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **322776**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **A0AA58**, and **394600** is the 20% darker color. If you saturate the color by 10%, you get **69761B**, and if you desaturate by 10%, it is **6D7633**.

Distribution



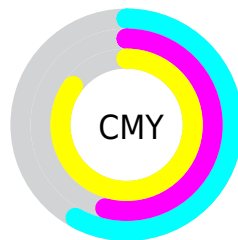
- Red (42%)
- Green (46%)
- Blue (15%)



- Red (15%)
- Yellow (46%)
- Blue (20%)



- Cyan (9%)
- Magenta (0%)
- Yellow (67%)
- Black (54%)



- Cyan (58%)
- Magenta (54%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B7627 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 6B7627 by changing the saturation by 10% instead.



6B7627



6B7627

FFFFFF



515D0C



A0AA58



394600



BCC572



212F00



D8E18C



001C00



F5FEA7



000000



FFFFC3



FFFFDF



FFFFFC



6B7627



6B7627

■ 69761B

■ 6D7633

■ 68760F

■ 6E763F

■ 667604

■ 70764A

■ 667600

■ 727656

■ 737662

■ 75766E

■ 77767A

■ 787685

■ 7A7691

Harmonies

Analogous

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



8E6A24



6B7627



3F7E40

Triad

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



6B7627



007FA8



AE507D

Complementary

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



6B7627



322776

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.



925C9E



6B7627



0077B8

Square

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



6B7627



008289



5F6BB5



B35158

Rectangle

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



6B7627



008157



5F6BB5



A75389

Sweetspot

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



6B7627



95997A



763227



4A4D3A



CCCCCC



4D4D4D

Same Dimension

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



6B7627



88991F



447627



3A3B35



697A00



D7FA00

Inverse Universe

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



322776



301F99



592776



36353B



11007A



2300FA

Previews

White Background



This preview shows how the Hex color 6B7627 looks on a white background.

Color Contrast Check

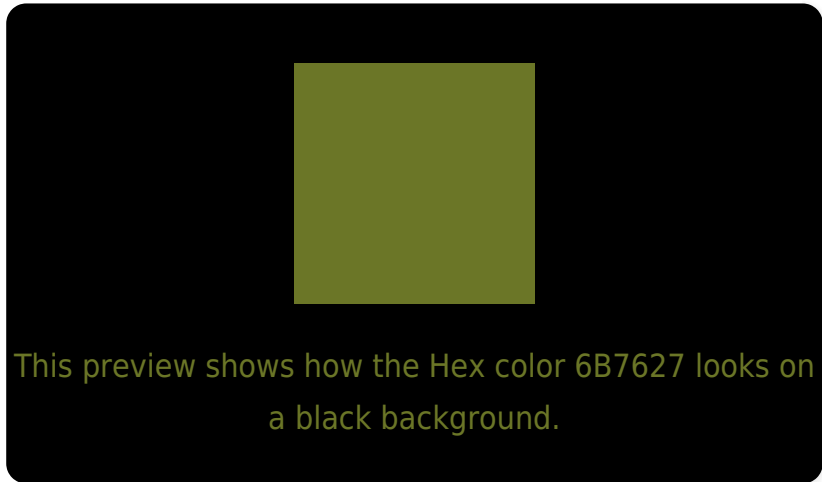
Large Text (above 18pt) WCAG AA ✓ Pass

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

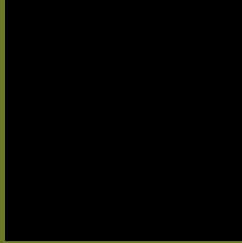
Any Text WCAG AA × Fail

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 6B7627 Background



This preview shows how black text looks on a background with the Hex color 6B7627.



This preview shows how white text looks on a background with the Hex color 6B7627.

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
6B7627

Protanopia
7D7025

Deuteranopia
8C6A2B



Tritanopia
736E77

Trichromacy



Original Color
6B7627

Protanomaly
767226

Deuteranomaly
806E2A

Tritanomaly
70715A

Monochromacy



Original Color
6B7627

Achromatopsia
6A6A6A

Achromatomaly
6A6E52

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B7627 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 #6B7627 looks like.

```
.text, #text, p{  
    color:#6B7627  
}
```

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 #6B7627 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7627
}
```

Border

The CSS property to change the border of an element to Hex 6B7627 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
#6B7627 }
```

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

```
.border{ border-color:#6B7627 }
```

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

Here you see how a box with a 4 pixel #6B7627 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7627; -webkit-box-shadow:4px 4px  
4px 4px #6B7627; box-shadow:4px 4px 4px  
4px #6B7627 }
```

Background

The CSS property to change the background color of an element to Hex 6B7627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7627 }
```

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

```
.background{ background-color:#6B7627 }
```

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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