

Converting Colors

Hex(6B8E24)

Have a look what the booklet for
Hex(6B8E24) contains.

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Color

Hex(6B8E24)

Conversions

Conversions Part 1

Format	Color
Hex	6B8E24
RGB	107, 142, 36
RGB Percent	42%, 56%, 14%
CMY	0.5804, 0.4431, 0.8588
CMYK	0.25, 0.00, 0.75, 0.44
HSL	80°, 60%, 35%
HSV	80°, 75%, 56%
XYZ	16.0548, 22.5992, 5.1850
YIQ	119.4510, 13.1660, -40.3860

Conversions

Conversions Part 2

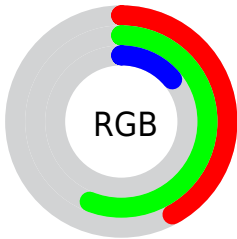
Format	Color
R_{YB}	36, 142, 71
Decimal	7048740
CIE Lab	54.66, -28.16, 49.33
CIE LCh	55, 56.804, 119.723
Yxy	22.5992, 0.3662, 0.5155
Android (android.graphics.Color)	4285238820 (0xFF6B8E24)
YUV	119.4510, -41.1413, -10.9195
Hunter-Lab	47.5386, -22.9091, 26.8103

Details

The Hex color **6B8E24** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **47248E**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **A1C459**, and **375C00** is the 20% darker color. If you saturate the color by 10%, you get **668E16**, and if you desaturate by 10%, it is **708E32**.

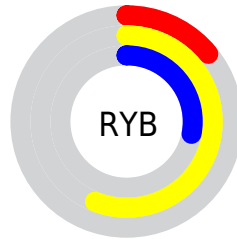
Distribution



Red (42%)

Green (56%)

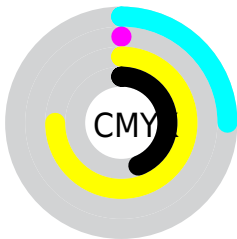
Blue (14%)



Red (14%)

Yellow (56%)

Blue (28%)

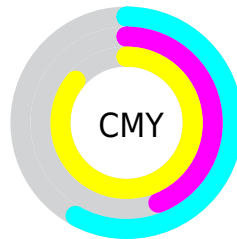


Cyan (25%)

Magenta (0%)

Yellow (75%)

Black (44%)



Cyan (58%)

Magenta (44%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B8E24 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 6B8E24 by changing the saturation by 10% instead.



6B8E24



6B8E24

FFFFFF



517402



A1C459



375C00



BDE073



1D4400



DAFD8D



002D00



F7FFA9



001900



FFFFC5



000000



FFFFE1

FFFFFFE



6B8E24



6B8E24

■ 668E16

■ 708E32

■ 628E08

■ 748E40

■ 5F8E00

■ 798E4F

■ 7E8E5D

■ 828E6B

■ 878E79

■ 8C8E87

■ 918E96

■ 958EA4

Harmonies

Analogous

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



9C8011



6B8E24



17964F

Triad

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



6B8E24



0094D7



D95385

Complementary

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



6B8E24



47248E

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.



BD60B5



6B8E24



0089E5

Square

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



6B8E24



0099B2



8176D9



D85A55

Rectangle

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



6B8E24



009970



8176D9



D35596

Sweetspot

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



6B8E24



AAB88F



8E4624



545C44



DBDBDB



5C5C5C

Same Dimension

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



6B8E24



81B812



378E24



454740



5B8700



050800

Inverse Universe

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



47248E



4912B8



7B248E



434047



2D0087



030008

Previews

White Background



This preview shows how the Hex color 6B8E24 looks on a white background.

Color Contrast Check

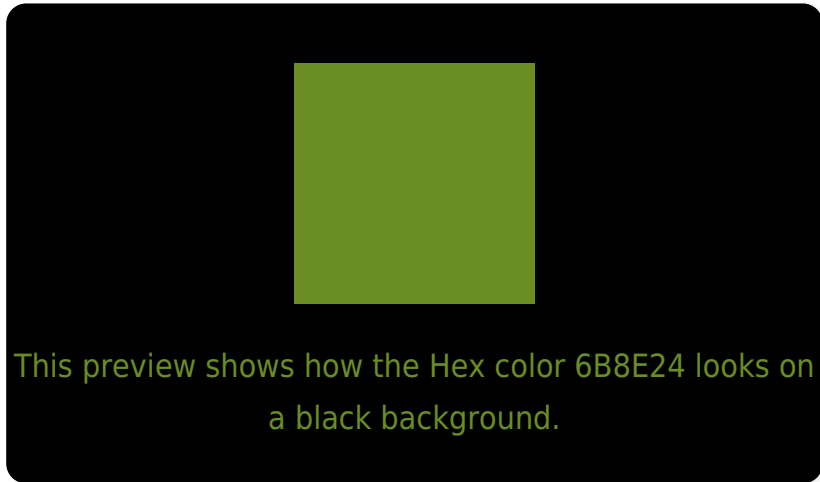
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 6B8E24 Background



This preview shows how black text looks on a background with the Hex color 6B8E24.



This preview shows how white text looks on a background with the Hex color 6B8E24.

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](#).

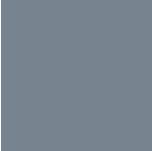
Dichromacy



Original Color
6B8E24

Protanopia
928321

Deuteranopia
A37C2C



Tritanopia
77848F

Trichromacy



Original Color
6B8E24

Protanomaly
848722

Deuteranomaly
8F8329

Tritanomaly
738868

Monochromacy



Original Color
6B8E24

Achromatopsia
777777

Achromatomaly
737F59

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B8E24 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 #6B8E24 looks like.

```
.text, #text, p{  
    color:#6B8E24  
}
```

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 #6B8E24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B8E24
}
```

Border

The CSS property to change the border of an element to Hex 6B8E24 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
#6B8E24 }
```

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

```
.border{ border-color:#6B8E24 }
```

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

Here you see how a box with a 4 pixel #6B8E24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B8E24; -webkit-box-shadow:4px 4px  
4px 4px #6B8E24; box-shadow:4px 4px 4px  
4px #6B8E24 }
```

Background

The CSS property to change the background color of an element to Hex 6B8E24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B8E24 }
```

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

```
.background{ background-color:#6B8E24 }
```

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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