

Converting Colors

Hex(6B9121)

Have a look what the booklet for
Hex(6B9121) contains.

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Color

Hex(6B9121)

Conversions

Conversions Part 1

Format	Color
Hex	6B9121
RGB	107, 145, 33
RGB Percent	42%, 57%, 13%
CMY	0.5804, 0.4314, 0.8706
CMYK	0.26, 0.00, 0.77, 0.43
HSL	80°, 63%, 35%
HSV	80°, 77%, 57%
XYZ	16.4633, 23.4864, 5.1045
YIQ	120.8700, 13.3040, -42.8880

Conversions

Conversions Part 2

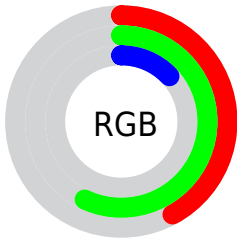
Format	Color
RYB	33, 145, 71
Decimal	7049505
CIELab	55.57, -29.77, 51.28
CIElCh	56, 59.298, 120.140
Yxy	23.4864, 0.3654, 0.5213
Android (android.graphics.Color)	4285239585 (0xFF6B9121)
YUV	120.8700, -43.3199, -12.1640
Hunter-Lab	48.4628, -24.1715, 27.6791

Details

The Hex color **6B9121** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **472191**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **A2C757**, and **365E00** is the 20% darker color. If you saturate the color by 10%, you get **669113**, and if you desaturate by 10%, it is **70912F**.

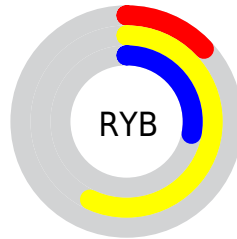
Distribution



Red (42%)

Green (57%)

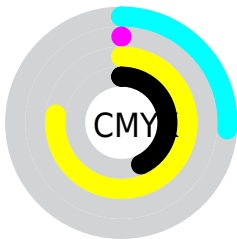
Blue (13%)



Red (13%)

Yellow (57%)

Blue (28%)

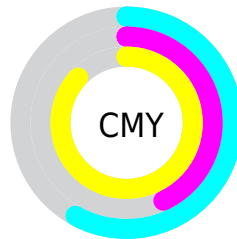


Cyan (26%)

Magenta (0%)

Yellow (77%)

Black (43%)



Cyan (58%)

Magenta (43%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B9121 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 6B9121 by changing the saturation by 10% instead.



6B9121



6B9121

FFFFFF



507700



A2C757



365E00



BEE371



1C4600



DAFF8C



002F00



F8FFA7



001C00



FFFFC3



000000



FFFFE0



FFFFFD



6B9121



6B9121

■ 669113

■ 70912F

■ 619104

■ 75913E

■ 609100

■ 7A914D

■ 7F915B

■ 84916A

■ 899178

■ 8D9187

■ 929195

■ 9791A4

Harmonies

Analogous

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



9E8308



6B9121



05994F

Triad

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



6B9121



0097DE



DF5287

Complementary

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



6B9121



472191

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.



C360B9



6B9121



008BEC

Square

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



6B9121



009DB7



8477DF



DE5A55

Rectangle

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



6B9121



009C72



8477DF



D95598

Sweetspot

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



6B9121



AEBD91



914621



555E44



DEDEDE



5E5E5E

Same Dimension

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



6B9121



81BD0D



349121



454740



598700



050800

Inverse Universe

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



472191



490DBD



7E2191



434047



2E0087



030008

Previews

White Background



This preview shows how the Hex color 6B9121 looks on a white background.

Color Contrast Check

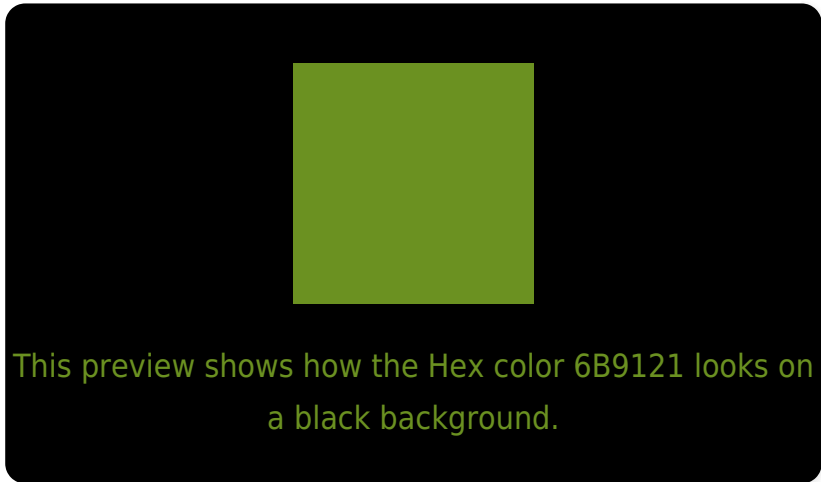
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B9121 Background



This preview shows how black text looks on a background with the Hex color 6B9121.



This preview shows how white text looks on a background with the Hex color 6B9121.

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





Tritanopia
788792

Trichromacy



Original Color
6B9121

Protanomaly
86891F

Deuteranomaly
918527

Tritanomaly
738B69

Monochromacy



Original Color
6B9121

Achromatopsia
797979

Achromatomaly
748259

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B9121 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 #6B9121 looks like.

```
.text, #text, p{  
    color:#6B9121  
}
```

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 #6B9121 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B9121
}
```

Border

The CSS property to change the border of an element to Hex 6B9121 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
#6B9121 }
```

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

```
.border{ border-color:#6B9121 }
```

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

Here you see how a box with a 4 pixel #6B9121 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B9121; -webkit-box-shadow:4px 4px  
4px 4px #6B9121; box-shadow:4px 4px 4px  
4px #6B9121 }
```

Background

The CSS property to change the background color of an element to Hex 6B9121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B9121 }
```

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

```
.background{ background-color:#6B9121 }
```

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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