

Converting Colors

Hex(6B9405)

Have a look what the booklet for
Hex(6B9405) contains.

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Color

Hex(6B9405)

Conversions

Conversions Part 1

Format	Color
Hex	6B9405
RGB	107, 148, 5
RGB Percent	42%, 58%, 2%
CMY	0.5804, 0.4196, 0.9804
CMYK	0.28, 0.00, 0.97, 0.42
HSL	77°, 93%, 30%
HSV	77°, 97%, 58%
XYZ	16.6807, 24.3166, 3.9580
YIQ	119.4390, 21.4670, -53.1650

Conversions

Conversions Part 2

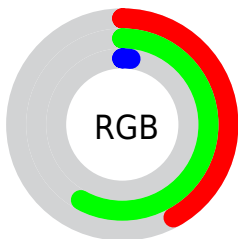
Format	Color
R_{YB}	5, 148, 46
Decimal	7050245
CIE Lab	56.40, -32.15, 58.58
CIE LCh	56, 66.821, 118.755
Yxy	24.3166, 0.3711, 0.5409
Android (android.graphics.Color)	4285240325 (0xFF6B9405)
YUV	119.4390, -56.4184, -10.9090
Hunter-Lab	49.3118, -25.9145, 29.7594

Details

The Hex color **6B9405** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2E0594**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **A2CA48**, and **356100** is the 20% darker color. If you saturate the color by 10%, you get **6A9400**, and if you desaturate by 10%, it is **6F9414**.

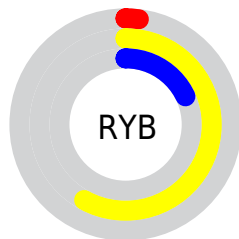
Distribution



Red (42%)

Green (58%)

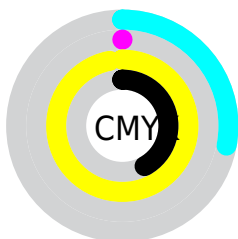
Blue (2%)



Red (2%)

Yellow (58%)

Blue (18%)

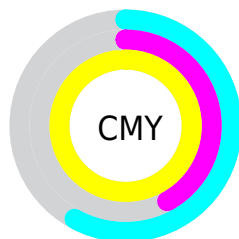


Cyan (28%)

Magenta (0%)

Yellow (97%)

Black (42%)



Cyan (58%)

Magenta (42%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B9405 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 6B9405 by changing the saturation by 10% instead.



6B9405



6B9405

FFFFFF



507A00



A2CA48



356100



BFE663



184900



DCFF7E



003200



F9FF9A



001E00



FFFFB6



000000



FFFFD2



FFFFEF



6B9405



6B9405

■ 6A9400

■ 6F9414

■ 739423

■ 789431

■ 7C9440

■ 80944F

■ 84945E

■ 89946D

■ 8D947B

■ 91948A

Harmonies

Analogous

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



A48400



6B9405



009D47

Triad

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



6B9405



009CEA



EB498C

Complementary

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



6B9405



2E0594

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.



CA5DC5



6B9405



008FFC

Square

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



6B9405



00A1BE



7F79EE



EB5353

Rectangle

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



6B9405



00A06F



7F79EE



E44DA0

Sweetspot

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



6B9405



AFBF88



942E05



57613F



E0E0E0



616161

Same Dimension

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



6B9405



88BF00



249405



484A43



628A00



070A00

Inverse Universe

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



2E0594



3700BF



750594



45434A



27008A



03000A

Previews

White Background



This preview shows how the Hex color 6B9405 looks on a white background.

Color Contrast Check

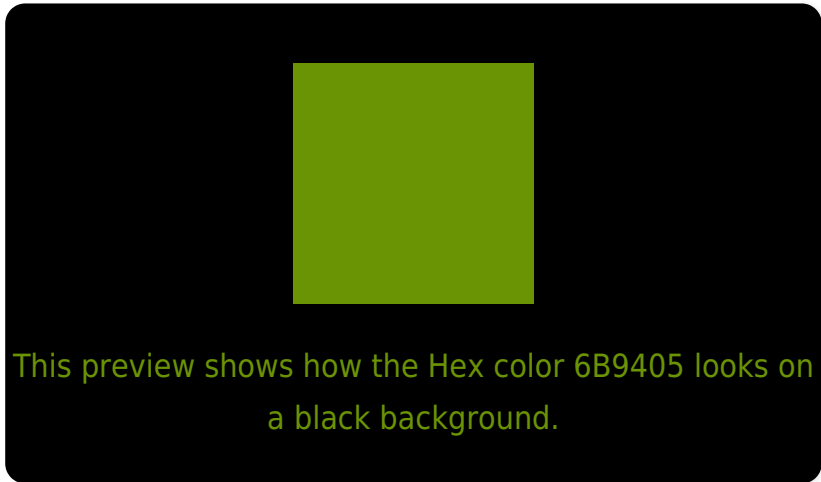
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B9405 Background



This preview shows how black text looks on a background with the Hex color 6B9405.



This preview shows how white text looks on a background with the Hex color 6B9405.

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](#).

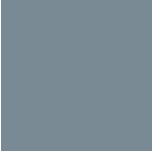
Dichromacy



Original Color
6B9405

Protanopia
988700

Deuteranopia
AA801C



Tritanopia
798A95

Trichromacy



Original Color
6B9405

Protanomaly
888C02

Deuteranomaly
938714

Tritanomaly
748E61

Monochromacy



Original Color
6B9405

Achromatopsia
777777

Achromatomaly
73824E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B9405 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 #6B9405 looks like.

```
.text, #text, p{  
    color:#6B9405  
}
```

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 #6B9405 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B9405
}
```

Border

The CSS property to change the border of an element to Hex 6B9405 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
#6B9405 }
```

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

```
.border{ border-color:#6B9405 }
```

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

Here you see how a box with a 4 pixel #6B9405 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B9405; -webkit-box-shadow:4px 4px  
4px 4px #6B9405; box-shadow:4px 4px 4px  
4px #6B9405 }
```

Background

The CSS property to change the background color of an element to Hex 6B9405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B9405 }
```

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

```
.background{ background-color:#6B9405 }
```

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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