

Converting Colors

Hex(6B9440)

Have a look what the booklet for
Hex(6B9440) contains.

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Color

Hex(6B9440)

Conversions

Conversions Part 1

Format	Color
Hex	6B9440
RGB	107, 148, 64
RGB Percent	42%, 58%, 25%
CMY	0.5804, 0.4196, 0.7490
CMYK	0.28, 0.00, 0.57, 0.42
HSL	89°, 40%, 42%
HSV	89°, 57%, 58%
XYZ	17.5787, 24.6758, 8.6869
YIQ	126.1650, 2.5280, -34.8160

Conversions

Conversions Part 2

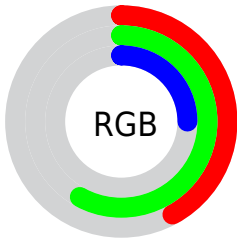
Format	Color
RYB	64, 148, 105
Decimal	7050304
CIELab	56.76, -28.74, 39.35
CIELCh	57, 48.724, 126.145
Yxy	24.6758, 0.3451, 0.4844
Android (android.graphics.Color)	4285240384 (0xFF6B9440)
YUV	126.1650, -30.6473, -16.8077
Hunter-Lab	49.6747, -23.7638, 24.4039

Details

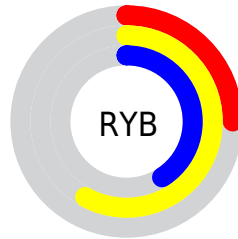
The Hex color **6B9440** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **694094**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **A1CA72**, and **38610D** is the 20% darker color. If you saturate the color by 10%, you get **649431**, and if you desaturate by 10%, it is **72944F**.

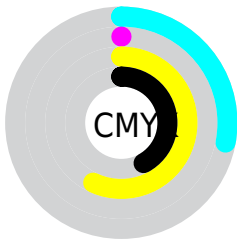
Distribution



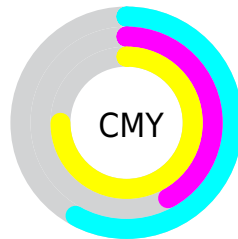
- Red (42%)
- Green (58%)
- Blue (25%)



- Red (25%)
- Yellow (58%)
- Blue (41%)



- Cyan (28%)
- Magenta (0%)
- Yellow (57%)
- Black (42%)



- Cyan (58%)
- Magenta (42%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B9440 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 6B9440 by changing the saturation by 10% instead.



6B9440



6B9440

FFFFFF



517A27



A1CA72



38610D



BCE78D



1F4900



D9FFA8



013200



F6FFC3



001F00



FFFFE0



000000

FFFFFFC



6B9440



6B9440



649431



72944F

■ 5D9422

■ 79945E

■ 559414

■ 81946C

■ 4E9405

■ 88947B

■ 4C9400

■ 8F948A

■ 969499

■ 9E94A8

■ A594B6

■ AC94C5

Harmonies

Analogous

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



98892E



6B9440



279B64

Triad

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



6B9440



0096D5



D66281

Complementary

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



6B9440



694094

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.



C369AB



6B9440



478ADD

Square

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



6B9440



009CB9



9679CD



D26A58

Rectangle

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



6B9440



009D81



9679CD



D2638F

Sweetspot

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



6B9440



AFBF9F



946940



57614E



E0E0E0



616161

Same Dimension

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



6B9440



80BF3D



419440



464A43



468A00



050A00

Inverse Universe

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



694094



7D3DBF



934094



46434A



43008A



05000A

Previews

White Background



This preview shows how the Hex color 6B9440 looks on a white background.

Color Contrast Check

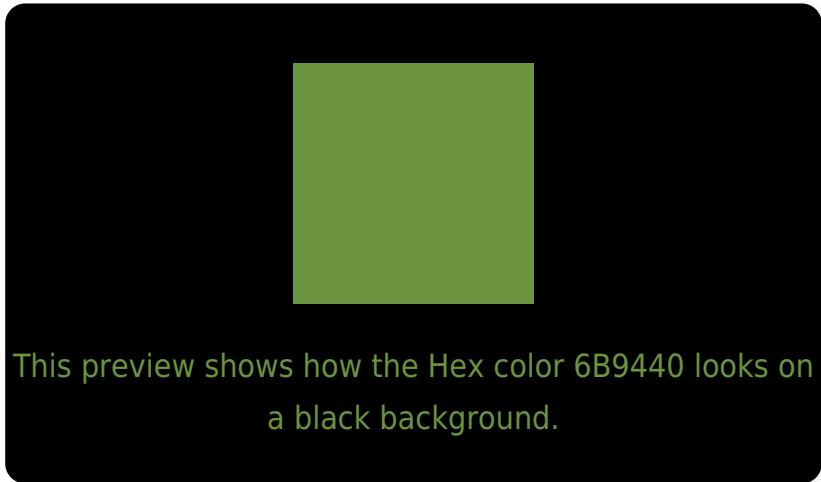
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B9440 Background



This preview shows how black text looks on a background with the Hex color 6B9440.



This preview shows how white text looks on a background with the Hex color 6B9440.

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
6B9440

Protanopia
97883C

Deuteranopia
A78145



Tritanopia
778B96

Trichromacy



Original Color
6B9440

Protanomaly
878C3D

Deuteranomaly
918843

Tritanomaly
738E77

Monochromacy



Original Color
6B9440

Achromatopsia
7E7E7E

Achromatomaly
778667

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B9440 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 #6B9440 looks like.

```
.text, #text, p{  
    color:#6B9440  
}
```

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 #6B9440 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B9440
}
```

Border

The CSS property to change the border of an element to Hex 6B9440 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
#6B9440 }
```

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

```
.border{ border-color:#6B9440 }
```

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

Here you see how a box with a 4 pixel #6B9440 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B9440; -webkit-box-shadow:4px 4px  
4px 4px #6B9440; box-shadow:4px 4px 4px  
4px #6B9440 }
```

Background

The CSS property to change the background color of an element to Hex 6B9440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B9440 }
```

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

```
.background{ background-color:#6B9440 }
```

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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