

Converting Colors

Hex(6B8514)

Have a look what the booklet for
Hex(6B8514) contains.

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Color

Hex(6B8514)

Conversions

Conversions Part 1

Format	Color
Hex	6B8514
RGB	107, 133, 20
RGB Percent	42%, 52%, 8%
CMY	0.5804, 0.4784, 0.9216
CMYK	0.20, 0.00, 0.85, 0.48
HSL	74°, 74%, 30%
HSV	74°, 85%, 52%
XYZ	14.5772, 19.9514, 3.7445
YIQ	112.3440, 20.7770, -40.6550

Conversions

Conversions Part 2

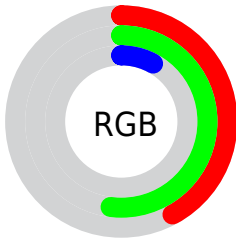
Format	Color
RYB	20, 133, 46
Decimal	7046420
CIELab	51.78, -24.53, 51.83
CIElCh	52, 57.337, 115.325
Yxy	19.9514, 0.3809, 0.5213
Android (android.graphics.Color)	4285236500 (0xFF6B8514)
YUV	112.3440, -45.5256, -4.6867
Hunter-Lab	44.6669, -19.9131, 26.2965

Details

The Hex color **6B8514** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **2E1485**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **A1BA4C**, and **375300** is the 20% darker color. If you saturate the color by 10%, you get **688507**, and if you desaturate by 10%, it is **6E8521**.

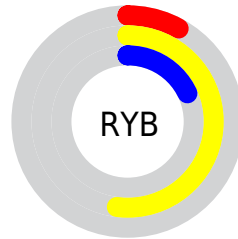
Distribution



Red (42%)

Green (52%)

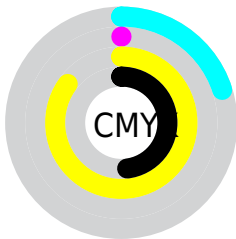
Blue (8%)



Red (8%)

Yellow (52%)

Blue (18%)

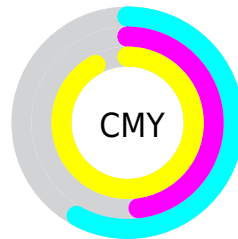


Cyan (20%)

Magenta (0%)

Yellow (85%)

Black (48%)



Cyan (58%)

Magenta (48%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B8514 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 6B8514 by changing the saturation by 10% instead.



6B8514



6B8514

FFFFFF



516C00



A1BA4C



375300



BED666



1D3C00



DAF281



002600



F8FF9C



000C00



FFFFB8



000000



FFFFD4



FFFFF1



6B8514



6B8514

■ 688507

■ 6E8521

■ 668500

■ 71852F

■ 74853C

■ 778549

■ 7A8557

■ 7D8564

■ 808571

■ 83857E

■ 87858C

Harmonies

Analogous

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



9A7603



6B8514



218E40

Triad

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



6B8514



008ECC



CF4B85

Complementary

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



6B8514



2E1485

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.



AF5BB4



6B8514



0084DE

Square

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



6B8514



0092A4



6C72D5



D24F55

Rectangle

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



6B8514



009161



6C72D5



C84F96

Sweetspot

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



6B8514



A3AD82



852C14



51573D



D6D6D6



575757

Same Dimension

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



6B8514



86AD00



348514



41423C



648200



020300

Inverse Universe

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



2E1485



2800AD



651485



3D3C42



1E0082



010003

Previews

White Background



This preview shows how the Hex color 6B8514 looks on a white background.

Color Contrast Check

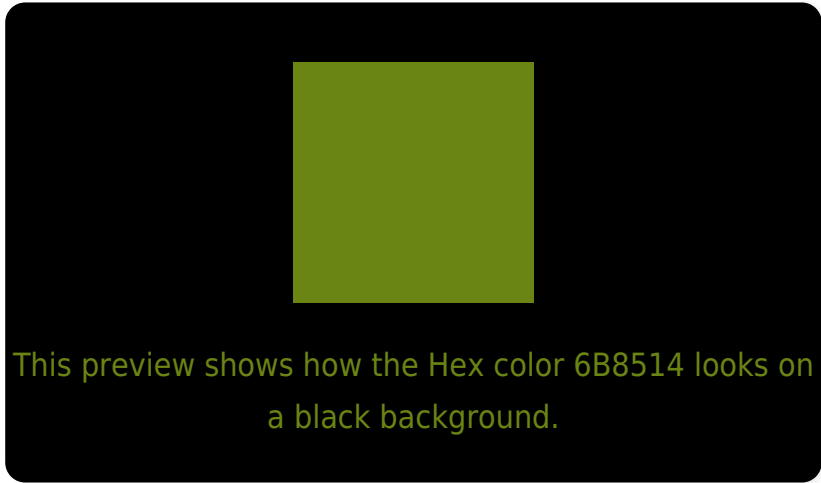
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B8514 Background



This preview shows how black text looks on a background with the Hex color 6B8514.



This preview shows how white text looks on a background with the Hex color 6B8514.

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](#).

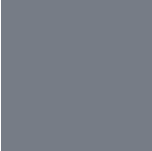
Dichromacy



Original Color
6B8514

Protanopia
8B7C11

Deuteranopia
9B751E



Tritanopia
767C86

Trichromacy



Original Color
6B8514

Protanomaly
7F7F12

Deuteranomaly
8A7B1A

Tritanomaly
727F5D

Monochromacy



Original Color
6B8514

Achromatopsia
707070

Achromatomaly
6E784F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B8514 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 #6B8514 looks like.

```
.text, #text, p{  
    color:#6B8514  
}
```

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 #6B8514 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B8514
}
```

Border

The CSS property to change the border of an element to Hex 6B8514 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
#6B8514 }
```

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

```
.border{ border-color:#6B8514 }
```

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

Here you see how a box with a 4 pixel #6B8514 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B8514; -webkit-box-shadow:4px 4px  
4px 4px #6B8514; box-shadow:4px 4px 4px  
4px #6B8514 }
```

Background

The CSS property to change the background color of an element to Hex 6B8514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B8514 }
```

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

```
.background{ background-color:#6B8514 }
```

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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