

Converting Colors

Hex(4B8713)

Have a look what the booklet for
Hex(4B8713) contains.

Hex(4B8713)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4B8713)

Conversions

Conversions Part 1

Format	Color
Hex	4B8713
RGB	75, 135, 19
RGB Percent	29%, 53%, 7%
CMY	0.7059, 0.4706, 0.9255
CMYK	0.44, 0.00, 0.86, 0.47
HSL	91°, 75%, 30%
HSV	91°, 86%, 53%
XYZ	11.6832, 18.8708, 3.6428
YIQ	103.8360, 1.4760, -48.7960

Conversions

Conversions Part 2

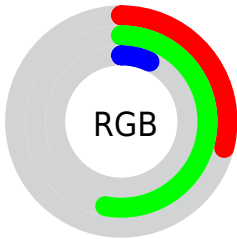
Format	Color
RYB	19, 135, 79
Decimal	4949779
CIELab	50.54, -38.19, 50.27
CIElCh	51, 63.131, 127.220
Yxy	18.8708, 0.3416, 0.5518
Android (android.graphics.Color)	4283139859 (0xFF4B8713)
YUV	103.8360, -41.8241, -25.2892
Hunter-Lab	43.4406, -28.0141, 25.4366

Details

The Hex color **4B8713** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **4F1387**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **81BD4B**, and **115400** is the 20% darker color. If you saturate the color by 10%, you get **448706**, and if you desaturate by 10%, it is **528721**.

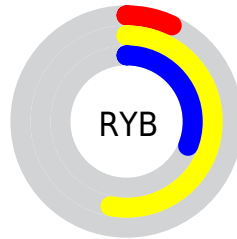
Distribution



Red (29%)

Green (53%)

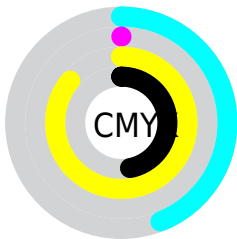
Blue (7%)



Red (7%)

Yellow (53%)

Blue (31%)

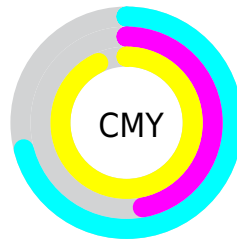


Cyan (44%)

Magenta (0%)

Yellow (86%)

Black (47%)



Cyan (71%)

Magenta (47%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B8713 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 4B8713 by changing the saturation by 10% instead.



4B8713



4B8713

FFFFFF



2F6D00



81BD4B



115400



9DD965



003D00



B9F580



002700



D6FF9B



000400



F3FFB7



000000



FFFFD3



FFFFFF0



4B8713



4B8713

■ 448706

■ 528721

■ 418700

■ 59872E

■ 60873C

■ 678749

■ 6E8757

■ 758764

■ 7C8772

■ 83877F

■ 8A878D

Harmonies

Analogous

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



857A00



4B8713



008E4C

Triad

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



4B8713



0089DC



D73D6E

Complementary

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



4B8713



4F1387

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.



C249A3



4B8713



007BE4

Square

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



4B8713



008FB8



8964CF



CF4D3A

Rectangle

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



4B8713



009071



8964CF



D33E80

Sweetspot

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



4B8713



98B082



874F13



4B593E



D9D9D9



595959

Same Dimension

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



4B8713



55B000



138715



3F423C



3F8200



010300

Inverse Universe

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



4F1387



5B00B0



871385



3F3C42



430082



010003

Previews

White Background



This preview shows how the Hex color 4B8713 looks on a white background.

Color Contrast Check

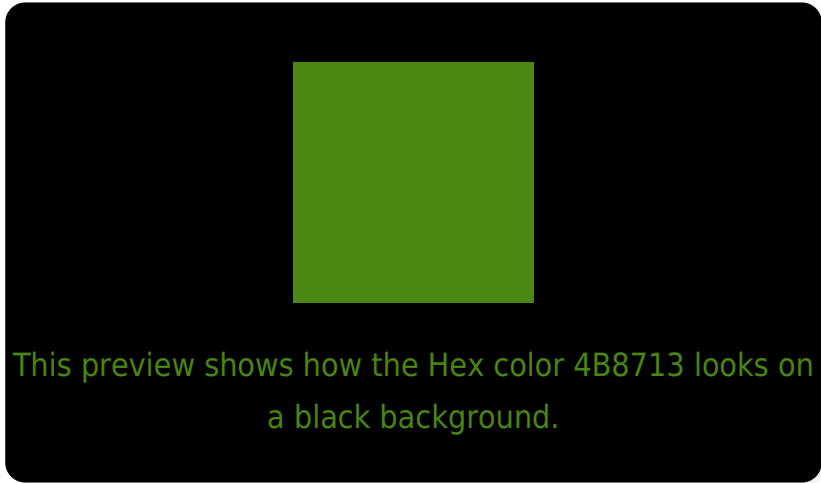
Large Text (above 18pt) WCAG AA ✓ Pass

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 4B8713 Background



This preview shows how black text looks on a background with the Hex color 4B8713.



This preview shows how white text looks on a background with the Hex color 4B8713.

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
4B8713

Protanopia
87780E

Deuteranopia
967220



Tritanopia
5B7E88

Trichromacy



Original Color
4B8713

Protanomaly
717D10

Deuteranomaly
7B7A1B

Tritanomaly
55815D

Monochromacy



Original Color
4B8713

Achromatopsia
686868

Achromatomaly
5D7349

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B8713 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 #4B8713 looks like.

```
.text, #text, p{  
    color:#4B8713  
}
```

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 #4B8713 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B8713
}
```

Border

The CSS property to change the border of an element to Hex 4B8713 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
#4B8713 }
```

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

```
.border{ border-color:#4B8713 }
```

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

Here you see how a box with a 4 pixel #4B8713 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B8713; -webkit-box-shadow:4px 4px  
4px 4px #4B8713; box-shadow:4px 4px 4px  
4px #4B8713 }
```

Background

The CSS property to change the background color of an element to Hex 4B8713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B8713 }
```

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

```
.background{ background-color:#4B8713 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor