

Converting Colors

Hex(68B026)

Have a look what the booklet for
Hex(68B026) contains.

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Color

Hex(68B026)

Conversions

Conversions Part 1

Format	Color
Hex	68B026
RGB	104, 176, 38
RGB Percent	41%, 69%, 15%
CMY	0.5922, 0.3098, 0.8510
CMYK	0.41, 0.00, 0.78, 0.31
HSL	91°, 64%, 42%
HSV	91°, 78%, 69%
XYZ	21.5841, 34.1337, 7.2846
YIQ	138.7400, 1.3860, -58.1820

Conversions

Conversions Part 2

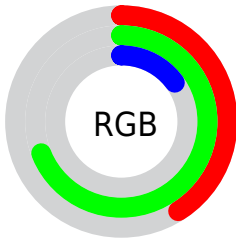
Format	Color
RYB	38, 176, 110
Decimal	6860838
CIELab	65.07, -44.39, 58.58
CIELCh	65, 73.497, 127.150
Yxy	34.1337, 0.3426, 0.5418
Android (android.graphics.Color)	4285050918 (0xFF68B026)
YUV	138.7400, -49.6648, -30.4670
Hunter-Lab	58.4240, -36.2972, 33.5043

Details

The Hex color **68B026** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6E26B0**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **A1E85E**, and **2E7B00** is the 20% darker color. If you saturate the color by 10%, you get **5FB014**, and if you desaturate by 10%, it is **71B038**.

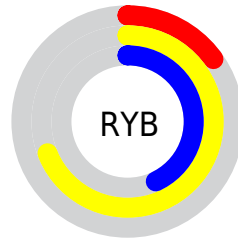
Distribution



Red (41%)

Green (69%)

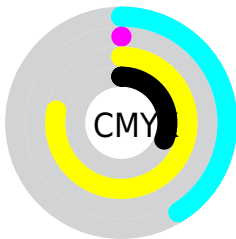
Blue (15%)



Red (15%)

Yellow (69%)

Blue (43%)

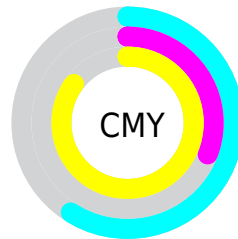


Cyan (41%)

Magenta (0%)

Yellow (78%)

Black (31%)



Cyan (59%)

Magenta (31%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68B026 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 68B026 by changing the saturation by 10% instead.

 68B026

 68B026

FFFFFF

 4C9500

 A1E85E

 2E7B00

 BDF7A

 066100

 DAFF95

 004900

 F8FFB1

 003100

 FFFFCE

 001A00

 FFFFEB

 000000

 68B026

 68B026

 5FB014

 71B038

■ 56B003

■ 7AB049

■ 54B000

■ 84B05B

■ 8DB06C

■ 96B07E

■ 9FB090

■ A8B0A1

■ B1B0B3

■ BBB0C4

Harmonies

Analogous

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



AEA000



68B026



00B968

Triad

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



68B026



00B2FF



FF5891

Complementary

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



68B026



6E26B0

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.



F866D2



68B026



00A1FF

Square

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



68B026



00BBEC



B385FF



FF6A52

Rectangle

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



68B026



00BB95



B385FF



FF59A7

Sweetspot

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



68B026



C9E6AE



B06D26



617351



F2F2F2



737373

Same Dimension

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



68B026



75E60E



26B028



555950



499900



0C1A00

Inverse Universe

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



6E26B0



7E0EE6



B026AE



555059



500099



0D001A

Previews

White Background



This preview shows how the Hex color 68B026 looks on a white background.

Color Contrast Check

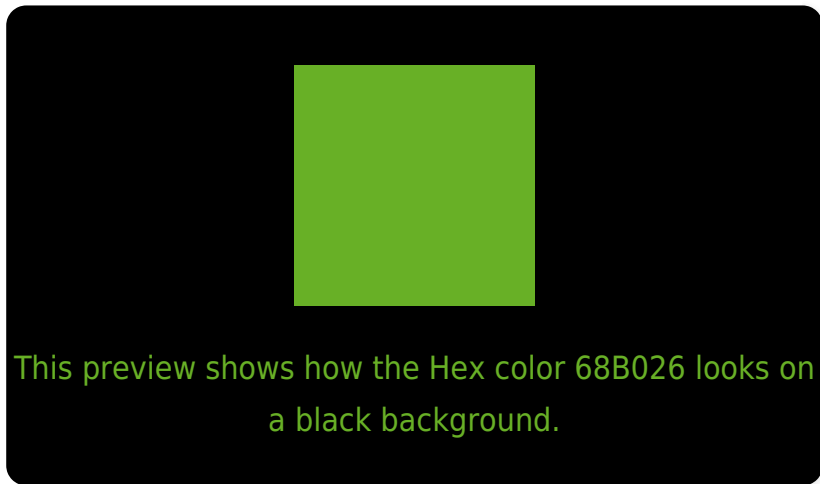
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 68B026 Background



This preview shows how black text looks on a background with the Hex color 68B026.



This preview shows how white text looks on a background with the Hex color 68B026.

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
68B026

Protanopia
B19D21

Deuteranopia
C59532



Tritanopia
7CA4B1

Trichromacy



Original Color
68B026



Protanomaly
96A423



Deuteranomaly
A39F2E



Tritanomaly
75A87E

Monochromacy



Original Color
68B026



Achromatopsia
8B8B8B



Achromatomaly
7E9866

CSS Examples

Text

The CSS property to change the color of the text to Hex 68B026 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 #68B026 looks like.

```
.text, #text, p{  
    color:#68B026  
}
```

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 #68B026 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68B026
}
```

Border

The CSS property to change the border of an element to Hex 68B026 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
#68B026 }
```

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

```
.border{ border-color:#68B026 }
```

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

Here you see how a box with a 4 pixel #68B026 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68B026; -webkit-box-shadow:4px 4px  
4px 4px #68B026; box-shadow:4px 4px 4px  
4px #68B026 }
```

Background

The CSS property to change the background color of an element to Hex 68B026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68B026 }
```

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

```
.background{ background-color:#68B026 }
```

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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