

Converting Colors

Hex(68B424)

Have a look what the booklet for
Hex(68B424) contains.

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Color

Hex(68B424)

Conversions

Conversions Part 1

Format	Color
Hex	68B424
RGB	104, 180, 36
RGB Percent	41%, 71%, 14%
CMY	0.5922, 0.2941, 0.8588
CMYK	0.42, 0.00, 0.80, 0.29
HSL	92°, 67%, 42%
HSV	92°, 80%, 71%
XYZ	22.3486, 35.7129, 7.3845
YIQ	140.8600, 0.9280, -60.8960

Conversions

Conversions Part 2

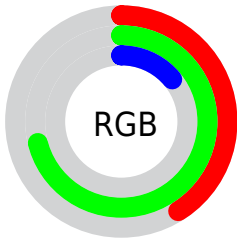
Format	Color
R_{YB}	36, 180, 112
Decimal	6861860
CIE _{Lab}	66.30, -46.13, 60.34
CIE _{LCh}	66, 75.952, 127.402
Yxy	35.7129, 0.3415, 0.5457
Android (android.graphics.Color)	4285051940 (0xFF68B424)
YUV	140.8600, -51.6960, -32.3262
Hunter-Lab	59.7603, -37.8267, 34.5059

Details

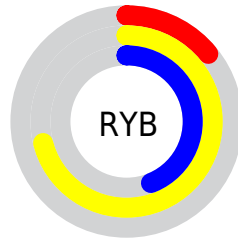
The Hex color **68B424** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **7024B4**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **A1EC5E**, and **2D7E00** is the 20% darker color. If you saturate the color by 10%, you get **5FB412**, and if you desaturate by 10%, it is **72B436**.

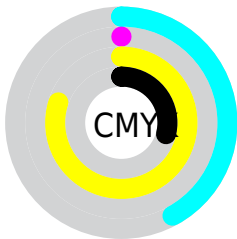
Distribution



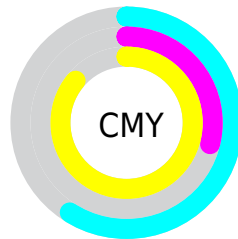
- Red (41%)
- Green (71%)
- Blue (14%)



- Red (14%)
- Yellow (71%)
- Blue (44%)



- Cyan (42%)
- Magenta (0%)
- Yellow (80%)
- Black (29%)



- Cyan (59%)
- Magenta (29%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68B424 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 68B424 by changing the saturation by 10% instead.

 68B424

 68B424

FFFFFF

 4B9900

 A1EC5E

 2D7E00

 BEFF79

 016500

 DBFF95

 004C00

 F9FFB1

 003400

 FFFFCD

 001E00

 FFFFEA

 000000

 68B424

 68B424

 5FB412

 72B436

■ 55B400

■ 7BB448

■ 85B45A

■ 8EB46C

■ 98B47E

■ A1B490

■ ABB4A2

■ B4B4B4

■ BEB4C6

Harmonies

Analogous

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



B2A400



68B424



00BD6A

Triad

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



68B424



00B6FF



FF5893

Complementary

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



68B424



7024B4

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.



FF66D7



68B424



00A4FF

Square

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



68B424



00BFF3



B887FF



FF6B52

Rectangle

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



68B424



00C099



B887FF



FF59AA

Sweetspot

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



68B424



CDEBB2



B46E24



637553



F5F5F5



757575

Same Dimension

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



68B424



74EB09



24B426



555950



489900



0C1A00

Inverse Universe

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



7024B4



8009EB



B424B2



555059



510099



0D001A

Previews

White Background



This preview shows how the Hex color 68B424 looks on a white background.

Color Contrast Check

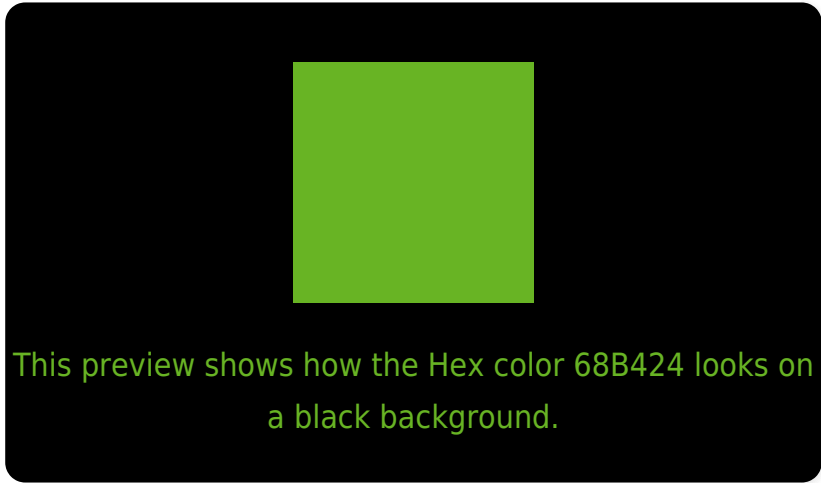
Large Text (above 18pt) WCAG AA × Fail

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 68B424 Background



This preview shows how black text looks on a background with the Hex color 68B424.



This preview shows how white text looks on a background with the Hex color 68B424.

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
68B424

Protanopia
B4A11F

Deuteranopia
C99832



Tritanopia
7DA8B5

Trichromacy



Original Color
68B424



Protanomaly
98A821



Deuteranomaly
A6A22D



Tritanomaly
75AC80

Monochromacy



Original Color
68B424



Achromatopsia
8D8D8D



Achromatomaly
809B67

CSS Examples

Text

The CSS property to change the color of the text to Hex 68B424 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 #68B424 looks like.

```
.text, #text, p{  
    color:#68B424  
}
```

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 #68B424 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68B424
}
```

Border

The CSS property to change the border of an element to Hex 68B424 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
#68B424 }
```

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

```
.border{ border-color:#68B424 }
```

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

Here you see how a box with a 4 pixel #68B424 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68B424; -webkit-box-shadow:4px 4px  
4px 4px #68B424; box-shadow:4px 4px 4px  
4px #68B424 }
```

Background

The CSS property to change the background color of an element to Hex 68B424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68B424 }
```

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

```
.background{ background-color:#68B424 }
```

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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