

Converting Colors

Hex(6BF52C)

Have a look what the booklet for
Hex(6BF52C) contains.

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Color

Hex(6BF52C)

Conversions

Conversions Part 1

Format	Color
Hex	6BF52C
RGB	107, 245, 44
RGB Percent	42%, 96%, 17%
CMY	0.5804, 0.0392, 0.8275
CMYK	0.56, 0.00, 0.82, 0.04
HSL	101°, 91%, 57%
HSV	101°, 82%, 96%
XYZ	39.1704, 68.6125, 13.5619
YIQ	180.8240, -17.7270, -91.7670

Conversions

Conversions Part 2

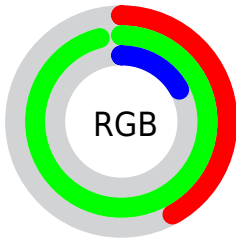
Format	Color
RYB	44, 245, 182
Decimal	7075116
CIELab	86.31, -68.91, 76.52
CIELCh	86, 102.976, 132.006
Yxy	68.6125, 0.3228, 0.5654
Android (android.graphics.Color)	4285265196 (0xFF6BF52C)
YUV	180.8240, -67.4542, -64.7436
Hunter-Lab	82.8326, -60.5469, 48.2755

Details

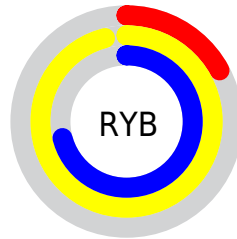
The Hex color **6BF52C** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **B62CF5**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **ABFF6C**, and **15BB00** is the 20% darker color. If you saturate the color by 10%, you get **5AF513**, and if you desaturate by 10%, it is **7CF544**.

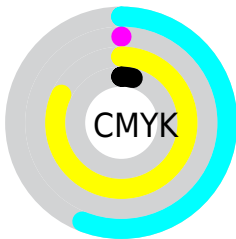
Distribution



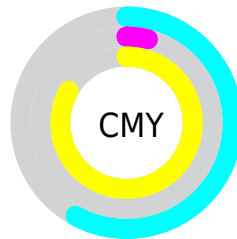
- Red (42%)
- Green (96%)
- Blue (17%)



- Red (17%)
- Yellow (96%)
- Blue (71%)



- Cyan (56%)
- Magenta (0%)
- Yellow (82%)
- Black (4%)



- Cyan (58%)
- Magenta (4%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BF52C 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 6BF52C by changing the saturation by 10% instead.

 6BF52C

 6BF52C

FFFFFF

 48D800

 ABFF6C

 15BB00

 CAFF89

 00A000

 E9FFA7

 008400

 FFFFC4

 006A00

 FFFFE1

 005000

 003800

 001E00

 000000

 6BF52C

 6BF52C

 5AF513

 7CF544

 4DF500

 8DF55D

 9DF576

 AEF58E

 BFF5A6

 D0F5BF

 E1F5D7

 F2F5F0

 FFF5FF

Harmonies

Analogous

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



DFE000



6BF52C



00FF98

Triad

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



6BF52C



00F3FF



FF67B5

Complementary

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



6BF52C



B62CF5

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.



FF77FF



6BF52C



00D7FF

Square

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



6BF52C



00FFFF



FFAAFF



FF8F58

Rectangle

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



6BF52C



00FFDC



FFAAFF



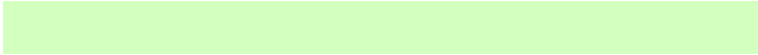
FF65D6

Sweetspot

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



6BF52C



D3FFBF



F5B52C



658059



000000



808080

Same Dimension

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



6BF52C



53FF05



2CF551



727A6E



3ABA00



123B00

Inverse Universe

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



B62CF5



B105FF



F52CD0



776E7A



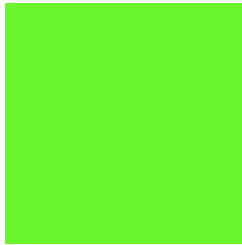
8000BA



28003B

Previews

White Background



This preview shows how the Hex color 6BF52C looks on a white background.

Color Contrast Check

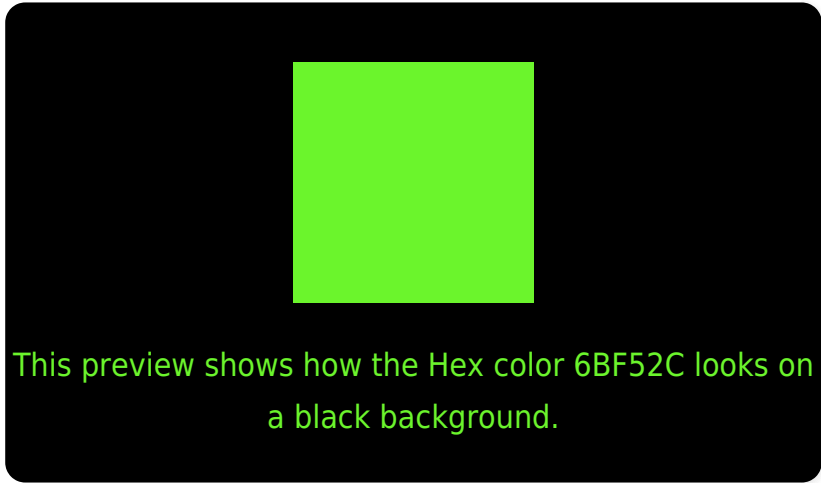
Large Text (above 18pt) WCAG AA × Fail

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

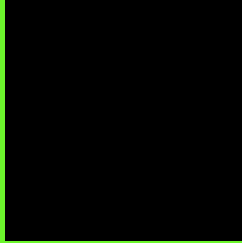
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

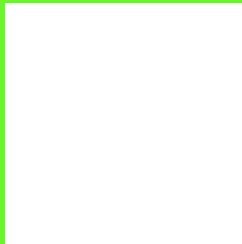
Any Text WCAG AAA ✓ Pass

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

Hex 6BF52C Background



This preview shows how black text looks on a background with the Hex color 6BF52C.

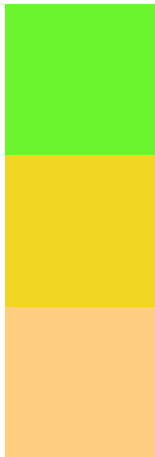


This preview shows how white text looks on a background with the Hex color 6BF52C.

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](#).

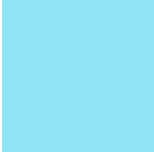
Dichromacy



Original Color
6BF52C

Protanopia
F1D724

Deuteranopia
FFCE81

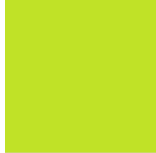


Tritanopia
8FE4F6

Trichromacy



Original Color
6BF52C



Protanomaly
C0E227

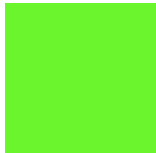


Deuteranomaly
C9DC62

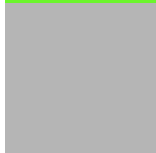


Tritanomaly
82EAAD

Monochromacy



Original Color
6BF52C



Achromatopsia
B5B5B5



Achromatomaly
9ACC83

CSS Examples

Text

The CSS property to change the color of the text to Hex 6BF52C 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 #6BF52C looks like.

```
.text, #text, p{  
    color:#6BF52C  
}
```

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 #6BF52C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BF52C
}
```

Border

The CSS property to change the border of an element to Hex 6BF52C 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
#6BF52C }
```

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

```
.border{ border-color:#6BF52C }
```

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

Here you see how a box with a 4 pixel #6BF52C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BF52C; -webkit-box-shadow:4px 4px  
4px 4px #6BF52C; box-shadow:4px 4px 4px  
4px #6BF52C }
```

Background

The CSS property to change the background color of an element to Hex 6BF52C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BF52C }
```

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

```
.background{ background-color:#6BF52C }
```

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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