

# Converting Colors

Hex(6BF423)

Have a look what the booklet for  
Hex(6BF423) contains.

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**Color**

**Hex(6BF423)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BF423
RGB	107, 244, 35
RGB Percent	42%, 96%, 14%
CMY	0.5804, 0.0431, 0.8627
CMYK	0.56, 0.00, 0.86, 0.04
HSL	99°, 90%, 55%
HSV	99°, 86%, 96%
XYZ	38.7175, 67.9485, 12.6649
YIQ	179.2110, -14.5630, -94.0430

# Conversions

## Conversions Part 2

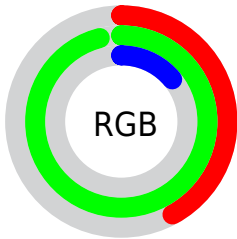
Format	Color
<b>RYB</b>	35, 244, 172
Decimal	7074851
CIELab	85.98, -68.93, 78.20
CIELCh	86, 104.240, 131.393
Yxy	67.9485, 0.3245, 0.5694
Android (android.graphics.Color)	4285264931 (0xFF6BF423)
YUV	179.2110, -71.0960, -63.3290
Hunter-Lab	82.4309, -60.4133, 48.5922

# Details

The Hex color **6BF423** 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 **AC23F4**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **ABFF67**, and **15BB00** is the 20% darker color. If you saturate the color by 10%, you get **5BF40B**, and if you desaturate by 10%, it is **7BF43B**.

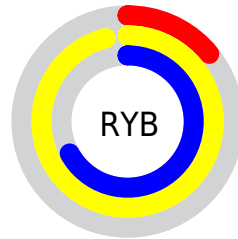
# Distribution



Red (42%)

Green (96%)

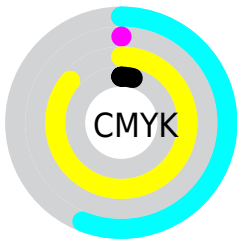
Blue (14%)



Red (14%)

Yellow (96%)

Blue (67%)

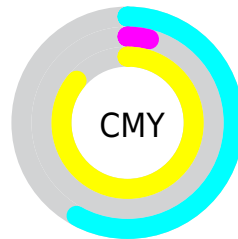


Cyan (56%)

Magenta (0%)

Yellow (86%)

Black (4%)



Cyan (58%)

Magenta (4%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BF423 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 6BF423 by changing the saturation by 10% instead.



 6BF423

 6BF423


FFFFFF

 48D700

 ABFF67

 15BB00

 CAFF84

 009F00

 E9FFA2

 008300

 FFFFBF

 006900

 FFFFDD

 004F00

 FFFFFB

 003800

 001D00

 000000

 6BF423

 6BF423

 5BF40B

 7BF43B

 54F400

 8BF454

 9BF46C

 ABF485

 BBF49D

 CBF4B5

 DBF4CE

 EBF4E6

 FBF4FF

# Harmonies

## Analogous

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



DFDF00



6BF423



00FF94

# Triad

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



6BF423



00F3FF



FF63B6

# Complementary

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



6BF423



AC23F4

# 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.



FF75FF



6BF423



00D7FF

# Square

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



6BF423



00FFFF



FFA9FF



FF8B57

# Rectangle

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



6BF423



00FFD9



FFA9FF



FF61D7

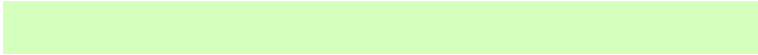


# Sweetspot

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



6BF423



D4FFBD



F4AB23



668058



000000



808080



# Same Dimension

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



6BF423



58FF00



23F442



727A6E



40BA00



143B00



# Inverse Universe

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



AC23F4



A700FF



F423D5



766E7A



7A00BA

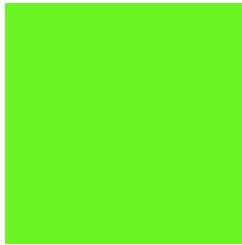


26003B



# Previews

## White Background



This preview shows how the Hex color 6BF423 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



This preview shows how the Hex color 6BF423 looks on a 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

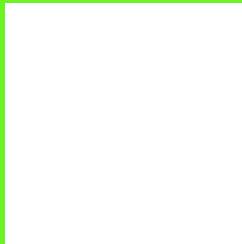
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6BF423 Background



This preview shows how black text looks on a background with the Hex color 6BF423.

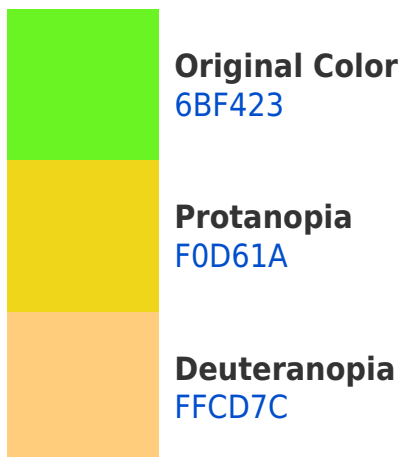


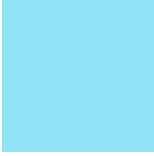
This preview shows how white text looks on a background with the Hex color 6BF423.

# 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](#).

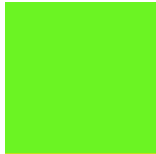
## Dichromacy





**Tritanopia**  
8FE3F5

# Trichromacy



**Original Color**  
6BF423



**Protanomaly**  
C0E11D

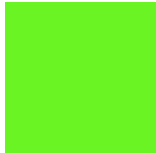


**Deuteranomaly**  
C9DB5C



**Tritanomaly**  
82E9A9

# Monochromacy



**Original Color**  
6BF423



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
99CB7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BF423 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 #6BF423 looks like.

```
.text, #text, p{  
    color:#6BF423  
}
```

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 #6BF423 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BF423
}
```

## Border

The CSS property to change the border of an element to Hex 6BF423 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
#6BF423 }
```

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

```
.border{ border-color:#6BF423 }
```

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

Here you see how a box with a 4 pixel #6BF423 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BF423; -webkit-box-shadow:4px 4px  
4px 4px #6BF423; box-shadow:4px 4px 4px  
4px #6BF423 }
```

# Background

The CSS property to change the background color of an element to Hex 6BF423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BF423 }
```

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

```
.background{ background-color:#6BF423 }
```

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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