

# Converting Colors

Hex(6BF94A)

Have a look what the booklet for  
Hex(6BF94A) contains.

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**Color**

**Hex(6BF94A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BF94A
RGB	107, 249, 74
RGB Percent	42%, 98%, 29%
CMY	0.5804, 0.0235, 0.7098
CMYK	0.57, 0.00, 0.70, 0.02
HSL	109°, 94%, 63%
HSV	109°, 70%, 98%
XYZ	41.1751, 71.3716, 18.0845
YIQ	186.5920, -28.4570, -84.5290

# Conversions

## Conversions Part 2

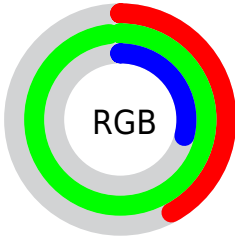
Format	Color
<a href="#">RYB</a>	<a href="#">74, 249, 216</a>
Decimal	<a href="#">7076170</a>
CIELab	<a href="#">87.67, -68.50, 68.80</a>
CIELCh	<a href="#">88, 97.086, 134.878</a>
Yxy	<a href="#">71.3716, 0.3152, 0.5464</a>
Android (android.graphics.Color)	<a href="#">4285266250 (0xFF6BF94A)</a>
YUV	<a href="#">186.5920, -55.5079, -69.8022</a>
Hunter-Lab	<a href="#">84.4817, -60.8447, 46.4453</a>

# Details

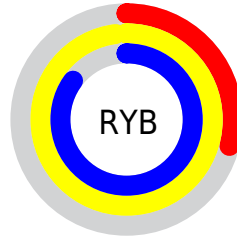
The Hex color **6BF94A** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed chartreuse. A complement of this color would be **D84AF9**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **AAFF83**, and **17BF00** is the 20% darker color. If you saturate the color by 10%, you get **57F931**, and if you desaturate by 10%, it is **7FF963**.

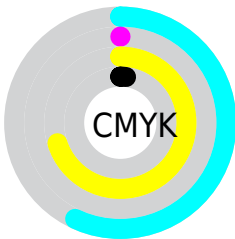
# Distribution



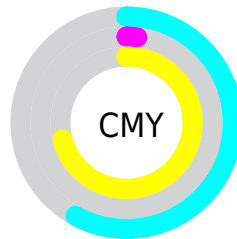
- Red (42%)
- Green (98%)
- Blue (29%)



- Red (29%)
- Yellow (98%)
- Blue (85%)



- Cyan (57%)
- Magenta (0%)
- Yellow (70%)
- Black (2%)



- Cyan (58%)
- Magenta (2%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BF94A 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 6BF94A by changing the saturation by 10% instead.



 6BF94A

 6BF94A

FFFFFF

 48DC2A

 AAFF83

 17BF00

 C9FFA0

 00A300

 E8FFBD

 008800

 FFFFDA

 006D00

 FFFFF7

 005300

 003B00

 002200

 000000

 6BF94A

 6BF94A

 57F931

 7FF963

 43F918

 93F97C

 2FF900

 A8F995

 BCF9AE

 D0F9C6

 E4F9DF

 F8F9F8

 FFF9FF

# Harmonies

## Analogous

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



DBE600



6BF94A



00FFA8

# Triad

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



6BF94A



00F4FF



FF7AB2

# Complementary

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



6BF94A



D84AF9

# 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.



FF82FF



6BF94A



60D7FF

# Square

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



6BF94A



00FFFF



FFADFF



FF9D5B

# Rectangle

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



6BF94A



00FFE9



FFADFF



FF77D1

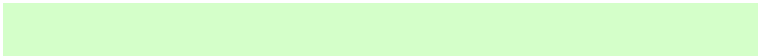


# Sweetspot

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



6BF94A



D4FFC9



F9D64A



668060



000000



808080



# Same Dimension

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



6BF94A



51FF29



4AF97F



737D70



24BD00



0C3D00



# Inverse Universe

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



D84AF9



D729FF



F94AC5



7B707D



9900BD

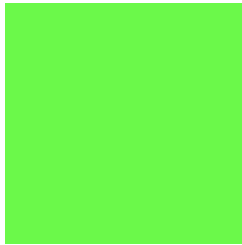


32003D



# Previews

## White Background



This preview shows how the Hex color 6BF94A 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 6BF94A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

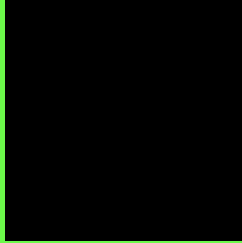
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

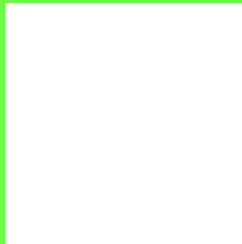
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6BF94A Background



This preview shows how black text looks on a background with the Hex color 6BF94A.

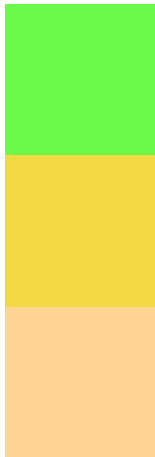


This preview shows how white text looks on a background with the Hex color 6BF94A.

# 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](#).

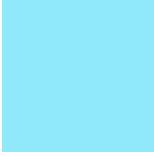
## Dichromacy



**Original Color**  
6BF94A

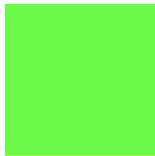
**Protanopia**  
F4DA42

**Deuteranopia**  
FFD393



**Tritanopia**  
8FE9FB

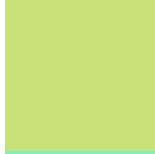
# Trichromacy



**Original Color**  
6BF94A



**Protanomaly**  
C2E545



**Deuteranomaly**  
C9E178

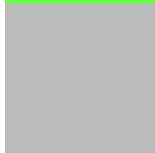


**Tritanomaly**  
82EFBB

# Monochromacy



**Original Color**  
6BF94A



**Achromatopsia**  
BBBBBB



**Achromatomaly**  
9ED292

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BF94A 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 #6BF94A looks like.

```
.text, #text, p{  
    color:#6BF94A  
}
```

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 #6BF94A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BF94A
}
```

## Border

The CSS property to change the border of an element to Hex 6BF94A 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
#6BF94A }
```

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

```
.border{ border-color:#6BF94A }
```

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

Here you see how a box with a 4 pixel #6BF94A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BF94A; -webkit-box-shadow:4px 4px  
4px 4px #6BF94A; box-shadow:4px 4px 4px  
4px #6BF94A }
```

# Background

The CSS property to change the background color of an element to Hex 6BF94A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BF94A }
```

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

```
.background{ background-color:#6BF94A }
```

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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