

# Converting Colors

Hex(6BF978)

Have a look what the booklet for  
Hex(6BF978) contains.

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**Color**

**Hex(6BF978)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BF978
RGB	107, 249, 120
RGB Percent	42%, 98%, 47%
CMY	0.5804, 0.0235, 0.5294
CMYK	0.57, 0.00, 0.52, 0.02
HSL	125°, 92%, 70%
HSV	125°, 57%, 98%
XYZ	43.3293, 72.2332, 29.4280
YIQ	191.8360, -43.2230, -70.2230

# Conversions

## Conversions Part 2

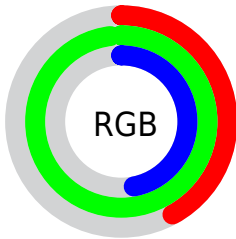
Format	Color
<a href="#">RYB</a>	<a href="#">107, 237, 249</a>
Decimal	<a href="#">7076216</a>
CIELab	<a href="#">88.08, -63.81, 50.14</a>
CIElCh	<a href="#">88, 81.152, 141.841</a>
Yxy	<a href="#">72.2332, 0.2988, 0.4982</a>
Android (android.graphics.Color)	<a href="#">4285266296 (0xFF6BF978)</a>
YUV	<a href="#">191.8360, -35.4151, -74.4012</a>
Hunter-Lab	<a href="#">84.9901, -57.7307, 38.9638</a>

# Details

The Hex color **6BF978** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **F96BEC**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **A9FFAF**, and **1EBF43** is the 20% darker color. If you saturate the color by 10%, you get **52F961**, and if you desaturate by 10%, it is **84F98F**.

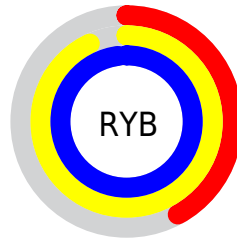
# Distribution



Red (42%)

Green (98%)

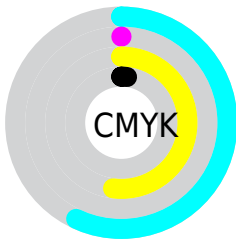
Blue (47%)



Red (42%)

Yellow (93%)

Blue (98%)

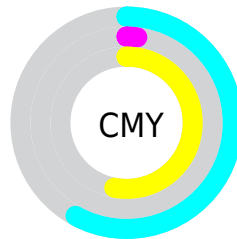


Cyan (57%)

Magenta (0%)

Yellow (52%)

Black (2%)



Cyan (58%)

Magenta (2%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BF978 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 6BF978 by changing the saturation by 10% instead.



 6BF978

FFFFFF

 A9FFAF

 C7FFCB

 E6FFE8

 6BF978

 4ADC5D

 1EBF43

 00A328

 008804

 006E00

 005400

 003B00

 002300

 000000

 6BF978

 6BF978

 52F961

 84F98F

 39F94B

 9DF9A5

 20F934

 B6F9BC

 07F91E

 CFF9D2

 00F917

 E8F9E9

 FFF9FF

# Harmonies

## Analogous

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



CEEA3D



6BF978



00FFC4

# Triad

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



6BF978



00ECFF



FF98A8

# Complementary

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



6BF978



F96BEC

# 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.



FF96F5



6BF978



B7D1FF

# Square

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



6BF978



00FCFF



FFB0FF



FFB364

# Rectangle

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



6BF978



00FFFA



FFB0FF



FF94C1

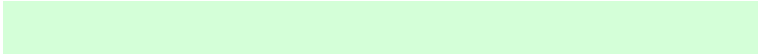


# Sweetspot

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



6BF978



D4FFD8



EDF96B



668068



000000



808080



# Same Dimension

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



6BF978



52FF61



6BF9BE



707D72



00BD11



003D06



# Inverse Universe

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



F96BEC



FF52EF



F96BA6



7D707C



BD00AB

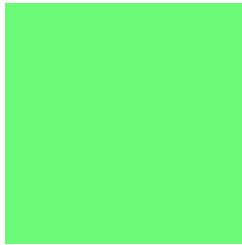


3D0038



# Previews

## White Background



This preview shows how the Hex color 6BF978 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 6BF978 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

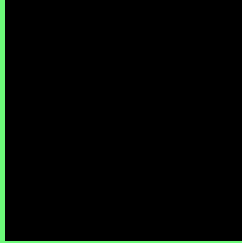
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

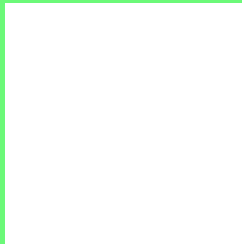
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6BF978 Background



This preview shows how black text looks on a background with the Hex color 6BF978.

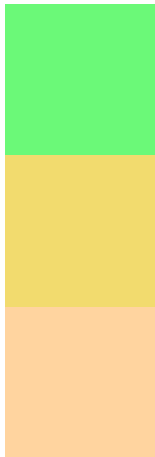


This preview shows how white text looks on a background with the Hex color 6BF978.

# 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](#).

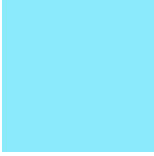
## Dichromacy



**Original Color**  
6BF978

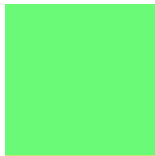
**Protanopia**  
F2DB6E

**Deuteranopia**  
FFD49F

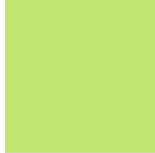


**Tritanopia**  
8BEBFD

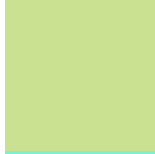
# Trichromacy



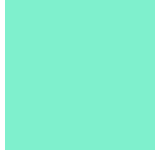
**Original Color**  
6BF978



**Protanomaly**  
C1E672



**Deuteranomaly**  
C9E191

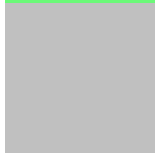


**Tritanomaly**  
7FF0CD

# Monochromacy



**Original Color**  
6BF978



**Achromatopsia**  
C0C0C0



**Achromatomaly**  
A1D5A6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BF978 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 #6BF978 looks like.

```
.text, #text, p{  
    color:#6BF978  
}
```

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 #6BF978 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BF978
}
```

## Border

The CSS property to change the border of an element to Hex 6BF978 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
#6BF978 }
```

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

```
.border{ border-color:#6BF978 }
```

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

Here you see how a box with a 4 pixel #6BF978 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BF978; -webkit-box-shadow:4px 4px  
4px 4px #6BF978; box-shadow:4px 4px 4px  
4px #6BF978 }
```

# Background

The CSS property to change the background color of an element to Hex 6BF978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BF978 }
```

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

```
.background{ background-color:#6BF978 }
```

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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