

# Converting Colors

Hex(5EFA92)

Have a look what the booklet for  
Hex(5EFA92) contains.

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**Color**

**Hex(5EFA92)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EFA92
RGB	94, 250, 146
RGB Percent	37%, 98%, 57%
CMY	0.6314, 0.0196, 0.4275
CMYK	0.62, 0.00, 0.42, 0.02
HSL	140°, 94%, 67%
HSV	140°, 62%, 98%
XYZ	43.9900, 72.8262, 38.9325
YIQ	191.5000, -59.5920, -65.4160

# Conversions

## Conversions Part 2

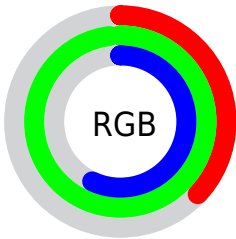
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 211, 250
Decimal	6224530
CIELab	88.36, -63.09, 37.99
CIELCh	88, 73.641, 148.948
Yxy	72.8262, 0.2824, 0.4676
Android (android.graphics.Color)	4284414610 (0xFF5EFA92)
YUV	191.5000, -22.4315, -85.5075
Hunter-Lab	85.3383, -57.3292, 32.6879

# Details

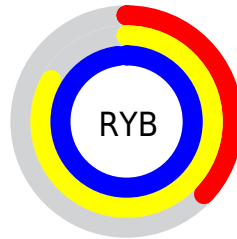
The Hex color **5EFA92** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **FA5EC6**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **9EFFC9**, and **00C05E** is the 20% darker color. If you saturate the color by 10%, you get **45FA81**, and if you desaturate by 10%, it is **77FAA3**.

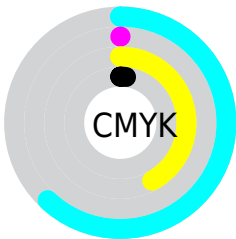
# Distribution



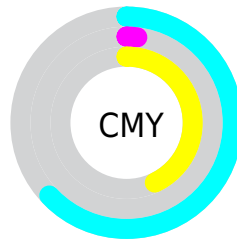
- Red (37%)
- Green (98%)
- Blue (57%)



- Red (37%)
- Yellow (83%)
- Blue (98%)



- Cyan (62%)
- Magenta (0%)
- Yellow (42%)
- Black (2%)



- Cyan (63%)
- Magenta (2%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EFA92 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 5EFA92 by changing the saturation by 10% instead.



 5EFA92

 5EFA92

FFFFFF

 39DD78

 9EFFC9

 00C05E

 BCFFE5

 00A445

 DBFFFF

 00892C

 FAFFFF

 006E12

 005500

 003C00

 002400

 000000

 5EFA92

 5EFA92

 45FA81

 77FAA3

 2CFA71

 90FAB3

 13FA60

 A9FAC4

 00FA53

 C2FAD5

 DBFAE5

 F4FAF6

 FFFAFF

# Harmonies

## Analogous

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



C0EE5A



5EFA92



00FFD9

# Triad

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



5EFA92



00E6FF



FFA69E

# Complementary

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



5EFA92



FA5EC6

# 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.



FF9EE3



5EFA92



DBCCFF

# Square

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



5EFA92



00F7FF



FFAFFF



FFBF65

# Rectangle

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



5EFA92



00FFFF



FFAFFF



FFA1B4

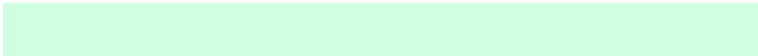


# Sweetspot

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



5EFA92



CFFDFD



C6FA5E



62806C



000000



808080



# Same Dimension

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



5EFA92



40FF7F



5EFADD



707D75



00BD3F



003D14



# Inverse Universe

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



FA5EC6



FF40BF



FA5E78



7D7079



BD007E

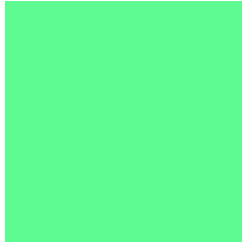


3D0029



# Previews

## White Background



This preview shows how the Hex color 5EFA92 looks on a white background.

## Color Contrast Check

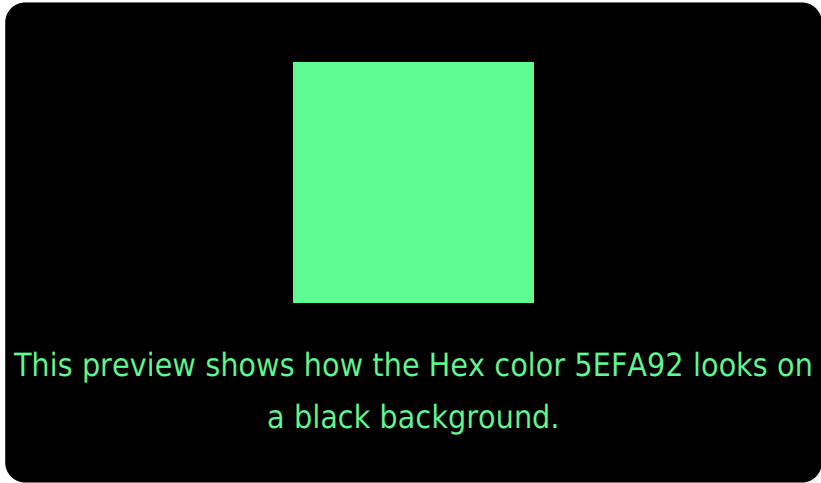
Large Text (above 18pt) WCAG AA × Fail

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

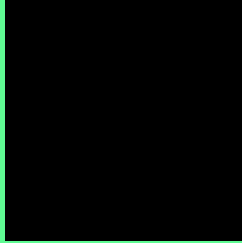
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5EFA92 Background



This preview shows how black text looks on a background with the Hex color 5EFA92.

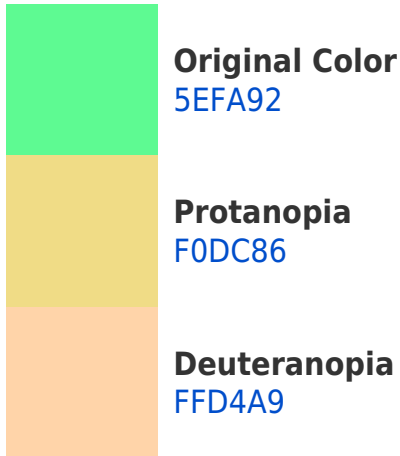


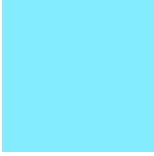
This preview shows how white text looks on a background with the Hex color 5EFA92.

# 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**  
84ECFF

# Trichromacy



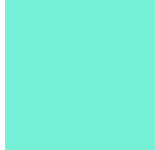
**Original Color**  
5EFA92



**Protanomaly**  
BBE78A



**Deuteranomaly**  
C4E2A1

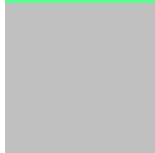


**Tritanomaly**  
76F1D7

# Monochromacy



**Original Color**  
5EFA92



**Achromatopsia**  
C0C0C0



**Achromatomaly**  
9CD5AF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EFA92 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 #5EFA92 looks like.

```
.text, #text, p{  
    color:#5EFA92  
}
```

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 #5EFA92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EFA92
}
```

## Border

The CSS property to change the border of an element to Hex 5EFA92 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
#5EFA92 }
```

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

```
.border{ border-color:#5EFA92 }
```

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

Here you see how a box with a 4 pixel #5EFA92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EFA92; -webkit-box-shadow:4px 4px  
4px 4px #5EFA92; box-shadow:4px 4px 4px  
4px #5EFA92 }
```

# Background

The CSS property to change the background color of an element to Hex 5EFA92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EFA92 }
```

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

```
.background{ background-color:#5EFA92 }
```

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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