

Converting Colors

Hex(5FFA90)

Have a look what the booklet for
Hex(5FFA90) contains.

Hex(5FFA90)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5FFA90)

Conversions

Conversions Part 1

Format	Color
Hex	5FFA90
RGB	95, 250, 144
RGB Percent	37%, 98%, 56%
CMY	0.6275, 0.0196, 0.4353
CMYK	0.62, 0.00, 0.42, 0.02
HSL	139°, 94%, 68%
HSV	139°, 62%, 98%
XYZ	43.9390, 72.8177, 38.1250
YIQ	191.5710, -58.3540, -65.8260

Conversions

Conversions Part 2

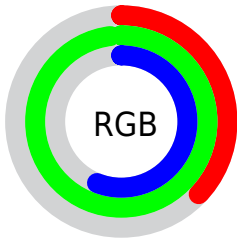
Format	Color
RYB	95, 213, 250
Decimal	6290064
CIELab	88.36, -63.22, 38.97
CIElCh	88, 74.264, 148.352
Yxy	72.8177, 0.2837, 0.4702
Android (android.graphics.Color)	4284480144 (0xFF5FFA90)
YUV	191.5710, -23.4525, -84.6928
Hunter-Lab	85.3333, -57.4219, 33.2439

Details

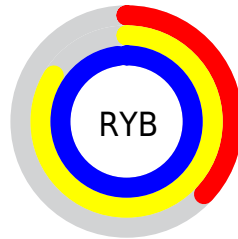
The Hex color **5FFA90** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **FA5FC9**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **9EFFC7**, and **00C05C** is the 20% darker color. If you saturate the color by 10%, you get **46FA7F**, and if you desaturate by 10%, it is **78FAA1**.

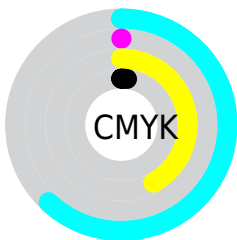
Distribution



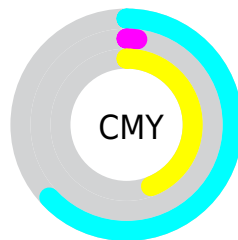
- Red (37%)
- Green (98%)
- Blue (56%)



- Red (37%)
- Yellow (84%)
- Blue (98%)



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



- Cyan (63%)
- Magenta (2%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FFA90 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 5FFA90 by changing the saturation by 10% instead.

 5FFA90

FFFFFF

 9EFFC7

 BDFFE3

 DCFFFF

 FBFFFF

 5FFA90

 3ADD76

 00C05C

 00A443

 00892A

 006E0F

 005500

 003C00

 002400

 000000

 5FFA90

 5FFA90

 46FA7F

 78FAA1

 2DFA6E

 91FAB2

 14FA5D

 AAFAC3

 00FA4F

 C3FAD4

 DCFAE5

 F5FAF7

 FFFAFF

Harmonies

Analogous

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



C1ED58



5FFA90



00FFD7

Triad

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



5FFA90



00E7FF



FFA59F

Complementary

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



5FFA90



FA5FC9

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.



FF9EE5



5FFA90



D9CDFF

Square

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



5FFA90



00F8FF



FFAFFF



FFBE65

Rectangle

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



5FFA90



00FFFF



FFAFFF



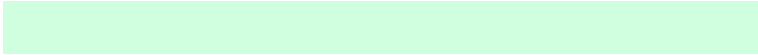
FFA0B5

Sweetspot

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



5FFA90



CFFFDE



CBFA5F



62806B



000000



808080

Same Dimension

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



5FFA90



42FF7E



5FFADB



707D74



00BD3C



003D13

Inverse Universe

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



FA5FC9



FF42C3



FA5F7E



7D7079



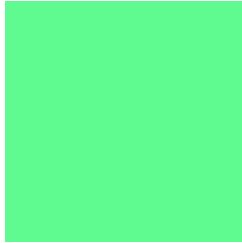
BD0081



3D002A

Previews

White Background



This preview shows how the Hex color 5FFA90 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 5FFA90 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

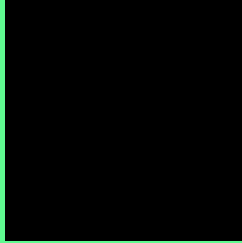
Any Text WCAG AA ✓ Pass

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 5FFA90 Background



This preview shows how black text looks on a background with the Hex color 5FFA90.

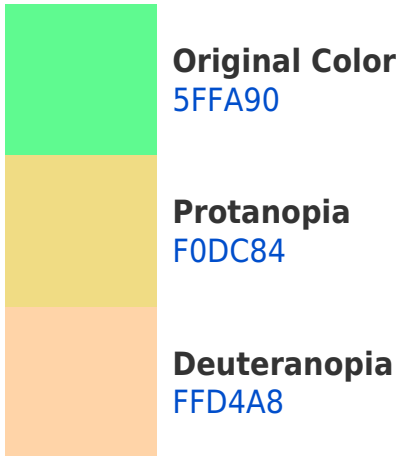


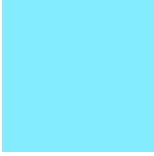
This preview shows how white text looks on a background with the Hex color 5FFA90.

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



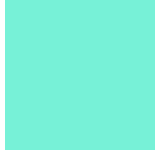
Original Color
5FFA90



Protanomaly
BBE788



Deuteranomaly
C5E29F

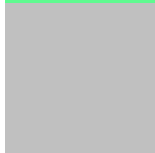


Tritanomaly
77F1D7

Monochromacy



Original Color
5FFA90



Achromatopsia
C0C0C0



Achromatomaly
9DD5AF

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FFA90 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 #5FFA90 looks like.

```
.text, #text, p{  
    color:#5FFA90  
}
```

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 #5FFA90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FFA90
}
```

Border

The CSS property to change the border of an element to Hex 5FFA90 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
#5FFA90 }
```

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

```
.border{ border-color:#5FFA90 }
```

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

Here you see how a box with a 4 pixel #5FFA90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FFA90; -webkit-box-shadow:4px 4px  
4px 4px #5FFA90; box-shadow:4px 4px 4px  
4px #5FFA90 }
```

Background

The CSS property to change the background color of an element to Hex 5FFA90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FFA90 }
```

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

```
.background{ background-color:#5FFA90 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor