

# Converting Colors

Hex(6CFA93)

Have a look what the booklet for  
Hex(6CFA93) contains.

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**Color**

**Hex(6CFA93)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CFA93
RGB	108, 250, 147
RGB Percent	42%, 98%, 58%
CMY	0.5765, 0.0196, 0.4235
CMYK	0.57, 0.00, 0.41, 0.02
HSL	136°, 93%, 70%
HSV	136°, 57%, 98%
XYZ	45.6364, 73.6659, 39.4174
YIQ	195.8000, -51.5690, -62.1370

# Conversions

## Conversions Part 2

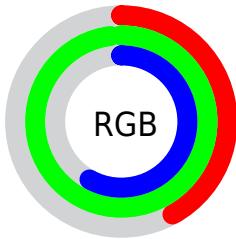
Format	Color
<a href="#">RYB</a>	<a href="#">108, 219, 250</a>
Decimal	<a href="#">7142035</a>
CIELab	<a href="#">88.76, -60.04, 38.09</a>
CIELCh	<a href="#">89, 71.105, 147.612</a>
Yxy	<a href="#">73.6659, 0.2875, 0.4641</a>
Android (android.graphics.Color)	<a href="#">4285332115</a> ( <a href="#">0xFF6CFA93</a> )
YUV	<a href="#">195.8000, -24.0584, -77.0006</a>
Hunter-Lab	<a href="#">85.8289, -55.2896, 32.8509</a>

# Details

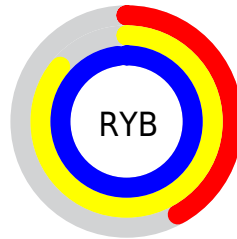
The Hex color **6CFA93** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FA6CD3**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **A9FFCA**, and **22C05F** is the 20% darker color. If you saturate the color by 10%, you get **53FA81**, and if you desaturate by 10%, it is **85FAA5**.

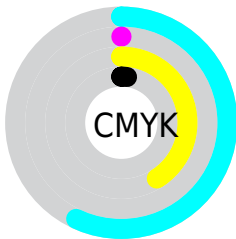
# Distribution



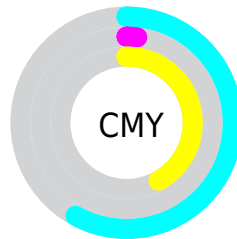
- Red (42%)
- Green (98%)
- Blue (58%)



- Red (42%)
- Yellow (86%)
- Blue (98%)



- Cyan (57%)
- Magenta (0%)
- Yellow (41%)
- Black (2%)



- Cyan (58%)
- Magenta (2%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CFA93 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 6CFA93 by changing the saturation by 10% instead.



 6CFA93

FFFFFF

 A9FFCA

 C7FFE6

 E6FFFF

 6CFA93

 4BDD79

 22C05F

 00A446

 00892D

 006F13

 005500

 003C00

 002500

 000000

 6CFA93

 6CFA93

 53FA81

 85FAA5

 3AFA6F

 9EFAB7

 21FA5D

 B7FAC9

 08FA4A

 D0FADC

 00FA45

 E9FAEE

 FFFAFF

# Harmonies

## Analogous

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



C6ED5F



6CFA93



00FFD7

# Triad

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



6CFA93



1AE8FF



FFA9A4

# Complementary

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



6CFA93



FA6CD3

# 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.



FFA3E7



6CFA93



D8CFFF

# Square

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



6CFA93



00F8FF



FFB4FF



FFC06D

# Rectangle

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



6CFA93



00FFFF



FFB4FF



FFA4BA

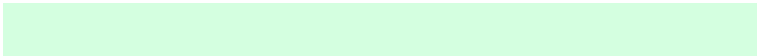


# Sweetspot

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



6CFA93



D4FFE0



D4FA6C



66806D



000000



808080



# Same Dimension

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



6CFA93



52FF81



6CFAD9



707D74



00BD34



003D11



# Inverse Universe

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



FA6CD3



FF52CF



FA6C8D



7D707A



BD0089

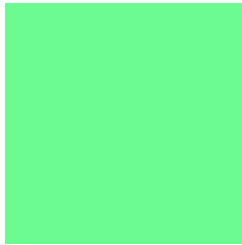


3D002C



# Previews

## White Background



This preview shows how the Hex color 6CFA93 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 6CFA93 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

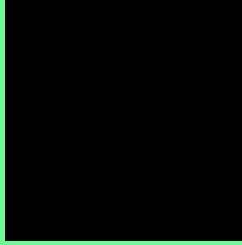
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6CFA93 Background



This preview shows how black text looks on a background with the Hex color 6CFA93.

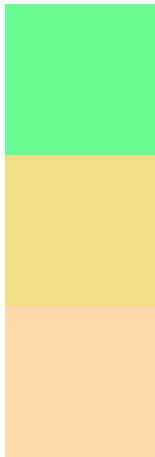


This preview shows how white text looks on a background with the Hex color 6CFA93.

# 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](#).

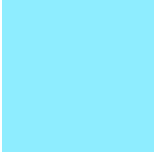
## Dichromacy



**Original Color**  
6CFA93

**Protanopia**  
F1DD88

**Deuteranopia**  
FFD6AC



**Tritanopia**  
8EEDFF

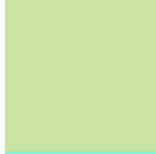
# Trichromacy



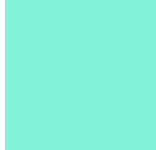
**Original Color**  
6CFA93



**Protanomaly**  
C1E88C

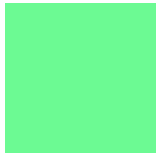


**Deuteranomaly**  
CAE3A3

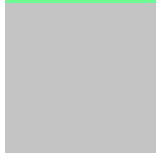


**Tritanomaly**  
82F2D8

# Monochromacy



**Original Color**  
6CFA93



**Achromatopsia**  
C4C4C4



**Achromatomaly**  
A4D8B2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CFA93 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 #6CFA93 looks like.

```
.text, #text, p{  
    color:#6CFA93  
}
```

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 #6CFA93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CFA93
}
```

## Border

The CSS property to change the border of an element to Hex 6CFA93 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
#6CFA93 }
```

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

```
.border{ border-color:#6CFA93 }
```

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

Here you see how a box with a 4 pixel #6CFA93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CFA93; -webkit-box-shadow:4px 4px  
4px 4px #6CFA93; box-shadow:4px 4px 4px  
4px #6CFA93 }
```

# Background

The CSS property to change the background color of an element to Hex 6CFA93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CFA93 }
```

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

```
.background{ background-color:#6CFA93 }
```

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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