

Converting Colors

Hex(93F793)

Have a look what the booklet for
Hex(93F793) contains.

Hex(93F793)	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(93F793)

Conversions

Conversions Part 1

Format	Color
Hex	93F793
RGB	147, 247, 147
RGB Percent	58%, 97%, 58%
CMY	0.4235, 0.0314, 0.4235
CMYK	0.40, 0.00, 0.40, 0.03
HSL	120°, 86%, 77%
HSV	120°, 40%, 97%
XYZ	50.5598, 74.8312, 39.3828
YIQ	205.7000, -27.5000, -52.3000

Conversions

Conversions Part 2

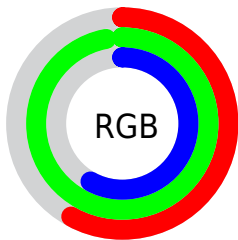
Format	Color
RYB	147, 247, 247
Decimal	9697171
CIELab	89.31, -48.81, 39.08
CIELCh	89, 62.526, 141.320
Yxy	74.8312, 0.3068, 0.4541
Android (android.graphics.Color)	4287887251 (0xFF93F793)
YUV	205.7000, -28.9391, -51.4799
Hunter-Lab	86.5050, -47.0553, 33.5607

Details

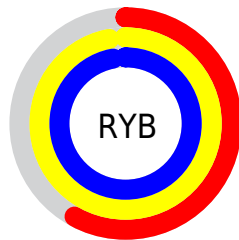
The Hex color **93F793** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F793F7**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **CDFFCA**, and **5ABE5F** is the 20% darker color. If you saturate the color by 10%, you get **7AF77A**, and if you desaturate by 10%, it is **ACF7AC**.

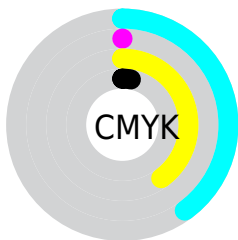
Distribution



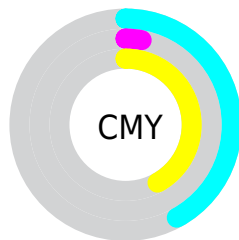
- Red (58%)
- Green (97%)
- Blue (58%)



- Red (58%)
- Yellow (97%)
- Blue (97%)



- Cyan (40%)
- Magenta (0%)
- Yellow (40%)
- Black (3%)



- Cyan (42%)
- Magenta (3%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93F793 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 93F793 by changing the saturation by 10% instead.

 93F793

 93F793

FFFFFF

 77DA79

 CDFECA

 5ABE5F

 EAFEE6

 3CA246

 18872D

 006D13

 005400

 003C00

 002600

 000000

 93F793

 93F793

 7AF77A

 ACF7AC

 62F762

 C4F7C4

 49F749

 DDF7DD

 30F730

 F6F7F6

 17F717

 FFF7FF

 00F700

Harmonies

Analogous

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



DAEA6C



93F793



00FECC

Triad

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



93F793



35ECFF



FFB0B8

Complementary

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



93F793



F793F7

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.



FFB0F4



93F793



C9D8FF

Square

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



93F793



00F9FF



FFC0FF



FFC185

Rectangle

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



93F793



00FFF6



FFC0FF



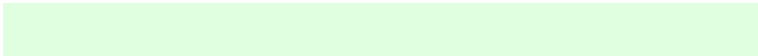
FFAECC

Sweetspot

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



93F793



E0FFE0



F7F793



6E806E



000000



808080

Same Dimension

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



93F793



82FF82



93F7C5



6E7A6E



00BA00



003B00

Inverse Universe

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



F793F7



FF82FF



F793C5



7A6E7A



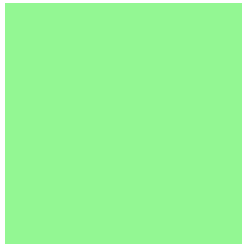
BA00BA



3B003B

Previews

White Background



This preview shows how the Hex color 93F793 looks on a white background.

Color Contrast Check

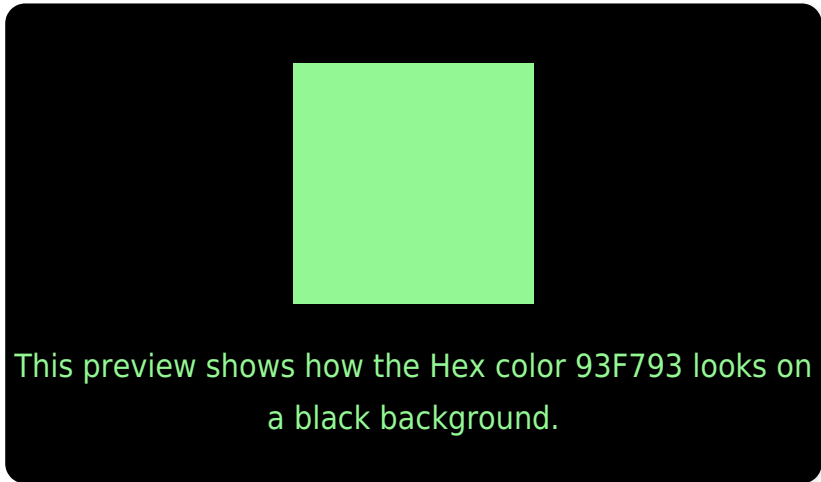
Large Text (above 18pt) WCAG AA × Fail

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

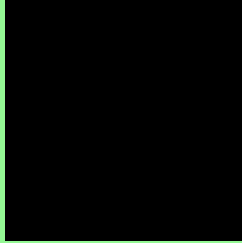
Any Text WCAG AA ✓ Pass

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 93F793 Background



This preview shows how black text looks on a background with the Hex color 93F793.



This preview shows how white text looks on a background with the Hex color 93F793.

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



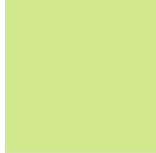


Tritanopia
A8EAFD

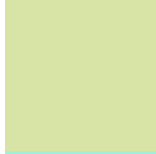
Trichromacy



Original Color
93F793



Protanomaly
D1E88D



Deuteranomaly
D8E3A6

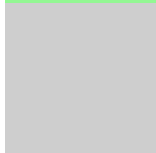


Tritanomaly
A0EFD6

Monochromacy



Original Color
93F793



Achromatopsia
CECECE



Achromatomaly
B9DDB9

CSS Examples

Text

The CSS property to change the color of the text to Hex 93F793 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 #93F793 looks like.

```
.text, #text, p{  
    color:#93F793  
}
```

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 #93F793 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93F793
}
```

Border

The CSS property to change the border of an element to Hex 93F793 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
#93F793 }
```

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

```
.border{ border-color:#93F793 }
```

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

Here you see how a box with a 4 pixel #93F793 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93F793; -webkit-box-shadow:4px 4px  
4px 4px #93F793; box-shadow:4px 4px 4px  
4px #93F793 }
```

Background

The CSS property to change the background color of an element to Hex 93F793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93F793 }
```

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

```
.background{ background-color:#93F793 }
```

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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