

Converting Colors

Hex(90F093)

Have a look what the booklet for
Hex(90F093) contains.

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Color

Hex(90F093)

Conversions

Conversions Part 1

Format	Color
Hex	90F093
RGB	144, 240, 147
RGB Percent	56%, 94%, 58%
CMY	0.4353, 0.0588, 0.4235
CMYK	0.40, 0.00, 0.39, 0.06
HSL	122°, 76%, 75%
HSV	122°, 40%, 94%
XYZ	47.9281, 70.3561, 38.6578
YIQ	200.6940, -27.3630, -49.2750

Conversions

Conversions Part 2

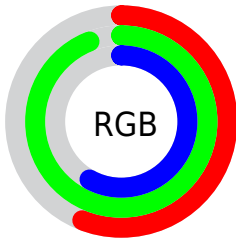
Format	Color
RYB	144, 237, 240
Decimal	9498771
CIELab	87.17, -46.73, 36.26
CIELCh	87, 59.149, 142.189
Yxy	70.3561, 0.3054, 0.4483
Android (android.graphics.Color)	4287688851 (0xFF90F093)
YUV	200.6940, -26.4711, -49.7206
Hunter-Lab	83.8785, -44.7926, 31.3895

Details

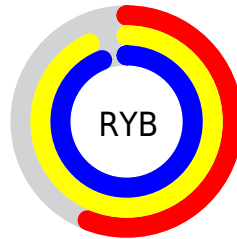
The Hex color **90F093** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F090ED**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **C9FFCA**, and **58B75F** is the 20% darker color. If you saturate the color by 10%, you get **78F07C**, and if you desaturate by 10%, it is **A8F0AA**.

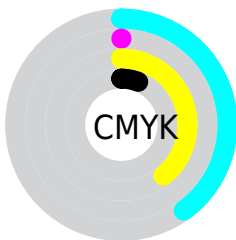
Distribution



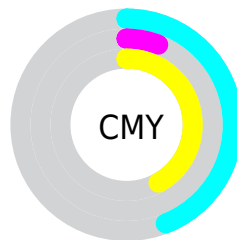
- Red (56%)
- Green (94%)
- Blue (58%)



- Red (56%)
- Yellow (93%)
- Blue (94%)



- Cyan (40%)
- Magenta (0%)
- Yellow (39%)
- Black (6%)



- Cyan (44%)
- Magenta (6%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90F093 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 90F093 by changing the saturation by 10% instead.

 90F093

 90F093

FFFFFF

 74D379

 C9FFCA

 58B75F

 E7FFE6

 3A9C46

 17812E

 006715

 004E00

 003600

 002100

 000000

 90F093

 90F093

 78F07C

 A8F0AA

 60F065

 C0F0C2

 48F04D

 D8F0D9

 30F036

 F0F0F0

 18F01F

 FFF0FF

 00F007

Harmonies

Analogous

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



D3E46E



90F093



0EF6C9

Triad

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



90F093



4CE5FF



FFAEB3

Complementary

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



90F093



F090ED

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.



FFADEC



90F093



C7D1FF

Square

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



90F093



00F1FF



FFBCFF



FFBE83

Rectangle

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



90F093



00F7F0



FFBCFF



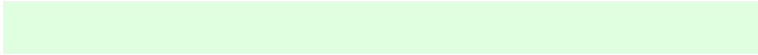
FFACC5

Sweetspot

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



90F093



E0FFE1



EEF090



6E806E



000000



808080

Same Dimension

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



90F093



85FF88



90F0C2



6C786C



00B806



003802

Inverse Universe

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



F090ED



FF85FB



F090BE



786C77



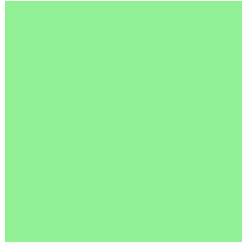
B800B2



380036

Previews

White Background



This preview shows how the Hex color 90F093 looks on a white background.

Color Contrast Check

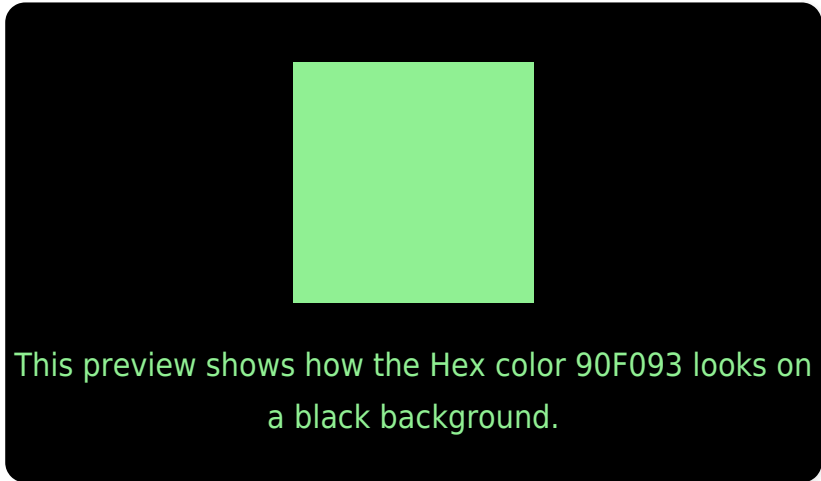
Large Text (above 18pt) WCAG AA × Fail

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

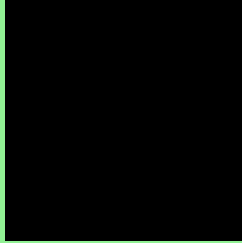
Any Text WCAG AA ✓ Pass

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 90F093 Background



This preview shows how black text looks on a background with the Hex color 90F093.

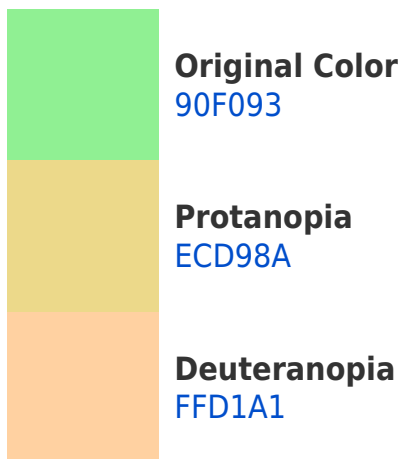


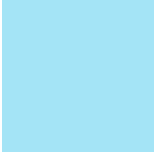
This preview shows how white text looks on a background with the Hex color 90F093.

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
A4E4F6

Trichromacy



Original Color
90F093



Protanomaly
CBE18D



Deuteranomaly
D7DC9C



Tritanomaly
9DE8D2

Monochromacy



Original Color
90F093



Achromatopsia
C9C9C9



Achromatomaly
B4D7B5

CSS Examples

Text

The CSS property to change the color of the text to Hex 90F093 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 #90F093 looks like.

```
.text, #text, p{  
    color:#90F093  
}
```

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 #90F093 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90F093
}
```

Border

The CSS property to change the border of an element to Hex 90F093 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
#90F093 }
```

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

```
.border{ border-color:#90F093 }
```

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

Here you see how a box with a 4 pixel #90F093 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90F093; -webkit-box-shadow:4px 4px  
4px 4px #90F093; box-shadow:4px 4px 4px  
4px #90F093 }
```

Background

The CSS property to change the background color of an element to Hex 90F093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90F093 }
```

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

```
.background{ background-color:#90F093 }
```

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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