

Converting Colors

Hex(90F048)

Have a look what the booklet for
Hex(90F048) contains.

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Color

Hex(90F048)

Conversions

Conversions Part 1

Format	Color
Hex	90F048
RGB	144, 240, 72
RGB Percent	56%, 94%, 28%
CMY	0.4353, 0.0588, 0.7176
CMYK	0.40, 0.00, 0.70, 0.06
HSL	94°, 85%, 61%
HSV	94°, 70%, 94%
XYZ	43.8314, 68.7173, 17.0845
YIQ	192.1440, -3.2880, -72.6000

Conversions

Conversions Part 2

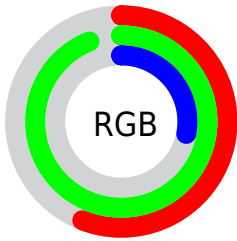
Format	Color
RYB	72, 240, 168
Decimal	9498696
CIELab	86.36, -54.93, 68.62
CIELCh	86, 87.895, 128.678
Yxy	68.7173, 0.3381, 0.5301
Android (android.graphics.Color)	4287688776 (0xFF90F048)
YUV	192.1440, -59.2310, -42.2223
Hunter-Lab	82.8959, -50.6856, 45.8077

Details

The Hex color **90F048** is a light color, and the websafe version is hex **99FF66**. The color can be described as light washed chartreuse. A complement of this color would be **A848F0**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **CBFF81**, and **54B700** is the 20% darker color. If you saturate the color by 10%, you get **82F030**, and if you desaturate by 10%, it is **9EF060**.

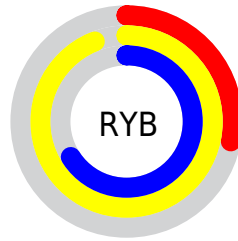
Distribution



Red (56%)

Green (94%)

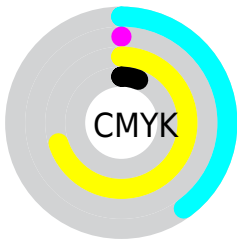
Blue (28%)



Red (28%)

Yellow (94%)

Blue (66%)

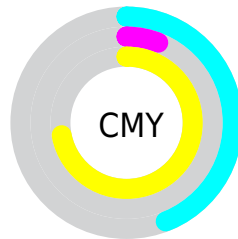


Cyan (40%)

Magenta (0%)

Yellow (70%)

Black (6%)



Cyan (44%)

Magenta (6%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90F048 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 90F048 by changing the saturation by 10% instead.

 90F048

 90F048

FFFFFF

 72D328

 CBFF81

 54B700

 E9FF9E

 339C00

 FFFFBA

 008100

 FFFF7D

 006700

 FFFFF5

 004E00

 003600

 001E00

 000000

 90F048

 90F048

 82F030

 9EF060

 75F018

 ABF078

 67F000

 B9F090

 C7F0A8

 D5F0C0

 E2F0D8

 F0F0F0

 FEF0FF

 FFF0FF

Harmonies

Analogous

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



EADC00



90F048



00FB98

Triad

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



90F048



00F1FF



FF83C3

Complementary

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



90F048



A848F0

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.



FF92FF



90F048



23DAFF

Square

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



90F048



00DFF



FAB7FF



FF9A74

Rectangle

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



90F048



00FED2



FAB7FF



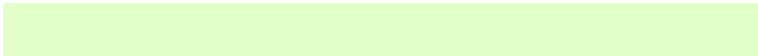
FF84DF

Sweetspot

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



90F048



E0FFC9



F0A748



6D8060



000000



808080

Same Dimension

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



90F048



85FF29



48F053



71786C



4FB800



183800

Inverse Universe

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



A848F0



A329FF



F048E5



736C78



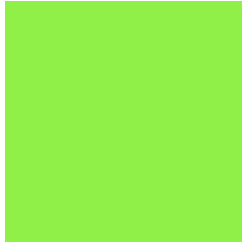
6900B8



200038

Previews

White Background



This preview shows how the Hex color 90F048 looks on a white background.

Color Contrast Check

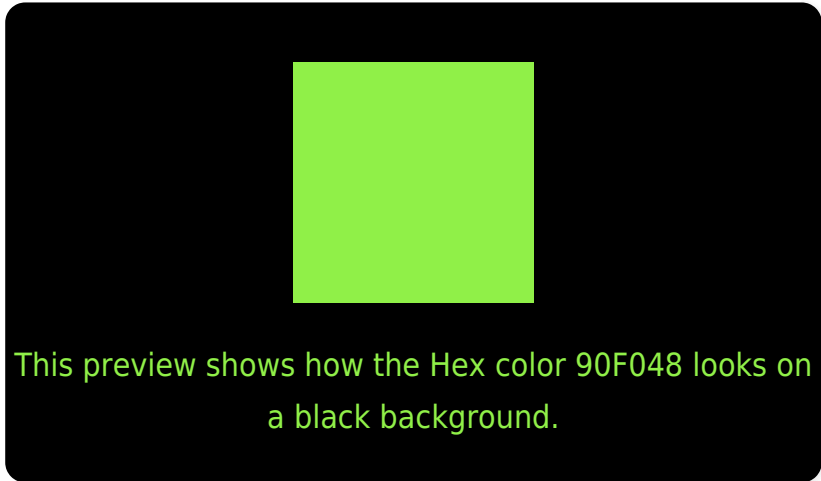
Large Text (above 18pt) WCAG AA × Fail

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

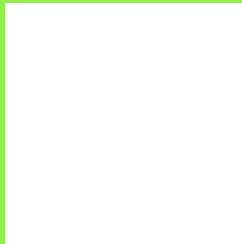
Any Text WCAG AAA ✓ Pass

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

Hex 90F048 Background



This preview shows how black text looks on a background with the Hex color 90F048.

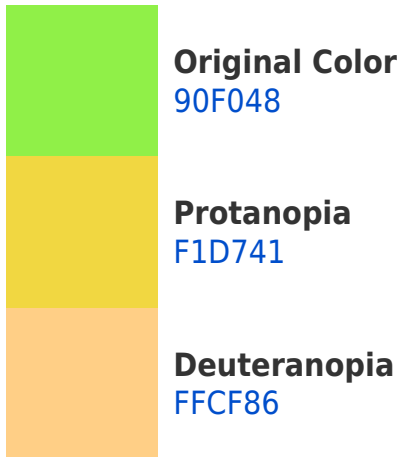


This preview shows how white text looks on a background with the Hex color 90F048.

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](#).

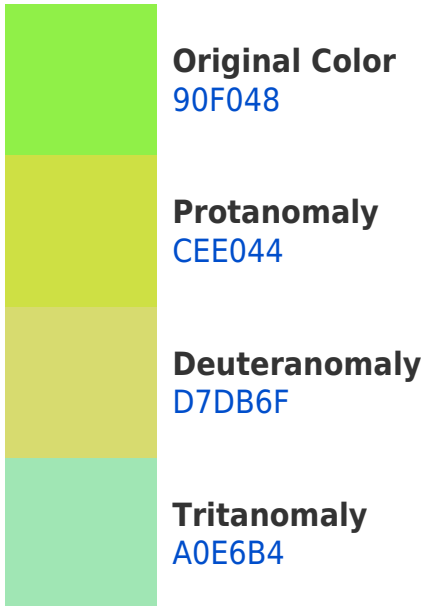
Dichromacy



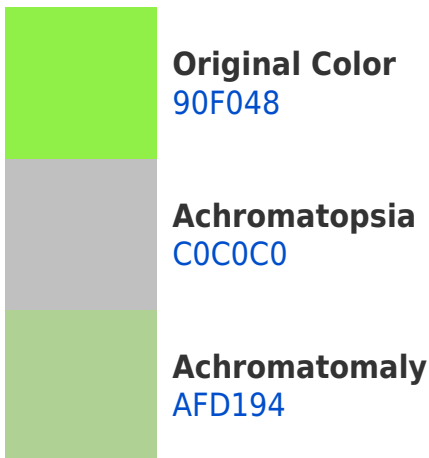


Tritanopia
A9E0F2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90F048 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 #90F048 looks like.

```
.text, #text, p{  
    color:#90F048  
}
```

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 #90F048 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90F048
}
```

Border

The CSS property to change the border of an element to Hex 90F048 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
#90F048 }
```

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

```
.border{ border-color:#90F048 }
```

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

Here you see how a box with a 4 pixel #90F048 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90F048; -webkit-box-shadow:4px 4px  
4px 4px #90F048; box-shadow:4px 4px 4px  
4px #90F048 }
```

Background

The CSS property to change the background color of an element to Hex 90F048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90F048 }
```

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

```
.background{ background-color:#90F048 }
```

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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