

Converting Colors

Hex(90F977)

Have a look what the booklet for
Hex(90F977) contains.

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Color

Hex(90F977)

Conversions

Conversions Part 1

Format	Color
Hex	90F977
RGB	144, 249, 119
RGB Percent	56%, 98%, 47%
CMY	0.4353, 0.0235, 0.5333
CMYK	0.42, 0.00, 0.52, 0.02
HSL	108°, 92%, 72%
HSV	108°, 52%, 98%
XYZ	48.7071, 75.0126, 29.3645
YIQ	202.7850, -20.8500, -62.6900

Conversions

Conversions Part 2

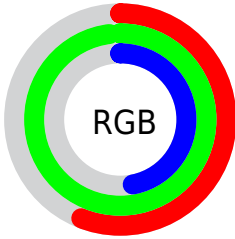
Format	Color
RYB	119, 249, 224
Decimal	9501047
CIELab	89.40, -54.19, 52.51
CIElCh	89, 75.453, 135.903
Yxy	75.0126, 0.3182, 0.4900
Android (android.graphics.Color)	4287691127 (0xFF90F977)
YUV	202.7850, -41.3060, -51.5544
Hunter-Lab	86.6098, -51.1835, 40.5250

Details

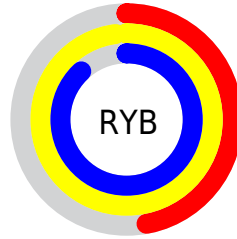
The Hex color **90F977** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **E077F9**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **CBFFAE**, and **55C042** is the 20% darker color. If you saturate the color by 10%, you get **7CF95E**, and if you desaturate by 10%, it is **A4F990**.

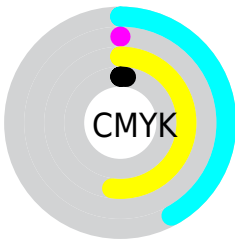
Distribution



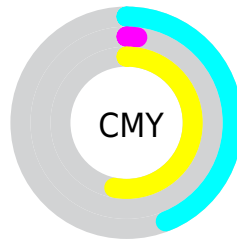
- Red (56%)
- Green (98%)
- Blue (47%)



- Red (47%)
- Yellow (98%)
- Blue (88%)



- Cyan (42%)
- Magenta (0%)
- Yellow (52%)
- Black (2%)



- Cyan (44%)
- Magenta (2%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90F977 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 90F977 by changing the saturation by 10% instead.

 90F977

 90F977

FFFFFF

 73DC5C


 CBFFAE

 55C042


 E8FFCA

 35A426

 FFFFE7

 028900

 006F00

 005500

 003D00

 002600

 000000

 90F977

 90F977

 7CF95E

 A4F990

 68F945

 B8F9A9

 54F92C

 CCF9C2

 40F913

 E0F9DB

 30F900

 F5F9F4

 FFF9FF

Harmonies

Analogous

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



E3E94A



90F977



00FFBB

Triad

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



90F977



00F2FF



FFA0BD

Complementary

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



90F977



E077F9

Split Complementary

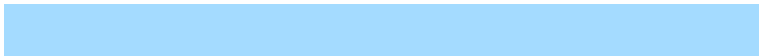
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA4FF



90F977



A4DBFF

Square

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



90F977



00FFFF



FFBDFD



FFB57C

Rectangle

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



90F977



00FFED



FFBDF5



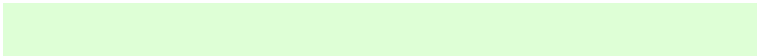
FF9ED5

Sweetspot

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



90F977



DEFFD6



F9DF77



6C8067



000000



808080

Same Dimension

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



90F977



7DFF5E



77F99E



737D70



24BD00



0C3D00

Inverse Universe

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



E077F9



E05EFF



F977D2



7B707D



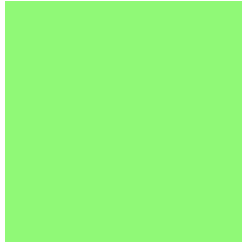
9800BD



31003D

Previews

White Background



This preview shows how the Hex color 90F977 looks on a white background.

Color Contrast Check

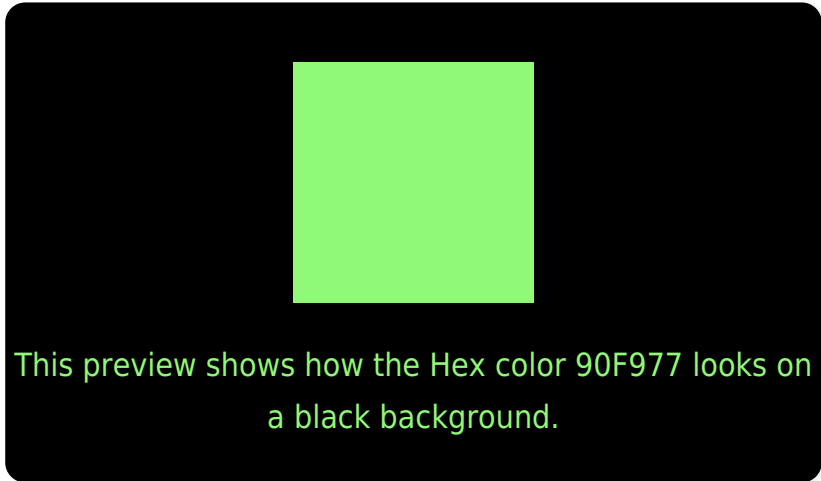
Large Text (above 18pt) WCAG AA × Fail

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

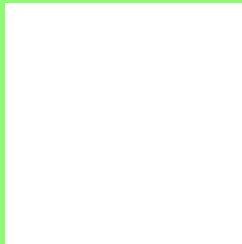
Any Text WCAG AAA ✓ Pass

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

Hex 90F977 Background



This preview shows how black text looks on a background with the Hex color 90F977.

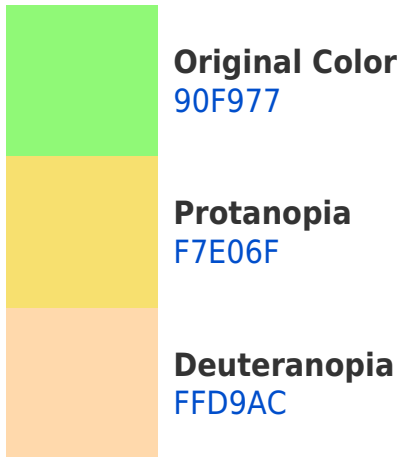


This preview shows how white text looks on a background with the Hex color 90F977.

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



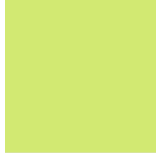


Tritanopia
A9EAFD

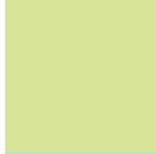
Trichromacy



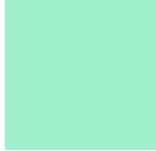
Original Color
90F977



Protanomaly
D2E972

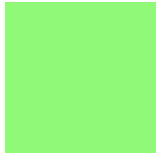


Deuteranomaly
D7E599

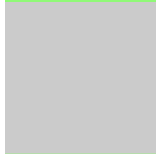


Tritanomaly
A0EFCC

Monochromacy



Original Color
90F977



Achromatopsia
CBCBCB



Achromatomaly
B6DCAC

CSS Examples

Text

The CSS property to change the color of the text to Hex 90F977 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 #90F977 looks like.

```
.text, #text, p{  
    color:#90F977  
}
```

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 #90F977 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90F977
}
```

Border

The CSS property to change the border of an element to Hex 90F977 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
#90F977 }
```

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

```
.border{ border-color:#90F977 }
```

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

Here you see how a box with a 4 pixel #90F977 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90F977; -webkit-box-shadow:4px 4px  
4px 4px #90F977; box-shadow:4px 4px 4px  
4px #90F977 }
```

Background

The CSS property to change the background color of an element to Hex 90F977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90F977 }
```

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

```
.background{ background-color:#90F977 }
```

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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