

Converting Colors

Hex(95F277)

Have a look what the booklet for
Hex(95F277) contains.

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Color

Hex(95F277)

Conversions

Conversions Part 1

Format	Color
Hex	95F277
RGB	149, 242, 119
RGB Percent	58%, 95%, 47%
CMY	0.4157, 0.0510, 0.5333
CMYK	0.38, 0.00, 0.51, 0.05
HSL	105°, 83%, 71%
HSV	105°, 51%, 95%
XYZ	47.4763, 71.2257, 28.6984
YIQ	200.1710, -15.9450, -57.9690

Conversions

Conversions Part 2

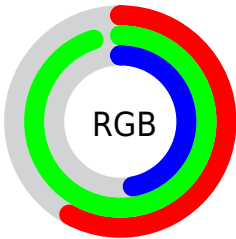
Format	Color
RYB	119, 242, 212
Decimal	9826935
CIELab	87.59, -49.81, 50.38
CIELCh	88, 70.845, 134.674
Yxy	71.2257, 0.3221, 0.4832
Android (android.graphics.Color)	4288017015 (0xFF95F277)
YUV	200.1710, -40.0173, -44.8770
Hunter-Lab	84.3953, -47.2772, 38.9153

Details

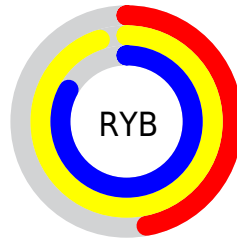
The Hex color **95F277** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **D477F2**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **CFFFAE**, and **5CB942** is the 20% darker color. If you saturate the color by 10%, you get **83F25F**, and if you desaturate by 10%, it is **A7F28F**.

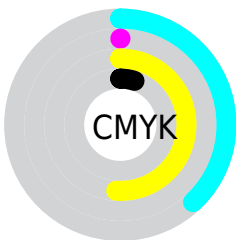
Distribution



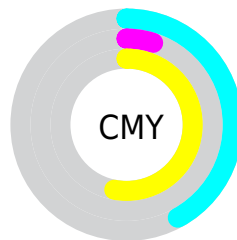
- Red (58%)
- Green (95%)
- Blue (47%)



- Red (47%)
- Yellow (95%)
- Blue (83%)



- Cyan (38%)
- Magenta (0%)
- Yellow (51%)
- Black (5%)



- Cyan (42%)
- Magenta (5%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 95F277 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 95F277 by changing the saturation by 10% instead.

 95F277

 95F277

FFFFFF

 78D55D

 CFFFAE

 5CB942

 EDFFCA

 3E9E27

 FFFFE6

 1B8304

 006900

 005000

 003800

 002200

 000000

 95F277

 95F277

 83F25F

 A7F28F

 70F247

 BAF2A7

 5EF22E

 CCF2C0

 4CF216

 DEF2D8

 3BF200

 F0F2F0

 FFF2FF

Harmonies

Analogous

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



E1E250



95F277



00FBB6

Triad

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



95F277



00EDFF



FFA0BD

Complementary

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



95F277



D477F2

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.



FFA5FF



95F277



A0D7FF

Square

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



95F277



00F9FF



FFBCFF



FFB280

Rectangle

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



95F277



00FDE4



FFBCFF



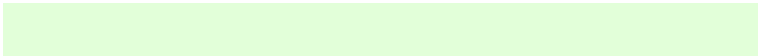
FF9FD4

Sweetspot

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



95F277



E2FFD9



F2D377



6E8069



000000



808080

Same Dimension

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



95F277



89FF63



77F296



6F786C



2DB800



0E3800

Inverse Universe

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



D477F2



D963FF



F277D3



756C78



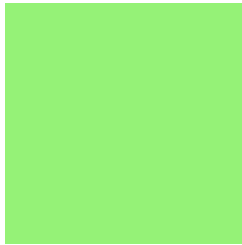
8B00B8



2A0038

Previews

White Background



This preview shows how the Hex color 95F277 looks on a white background.

Color Contrast Check

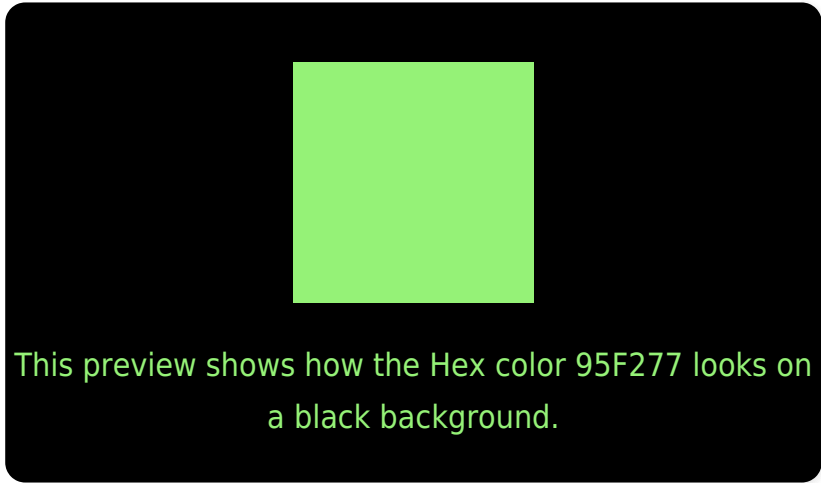
Large Text (above 18pt) WCAG AA × Fail

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

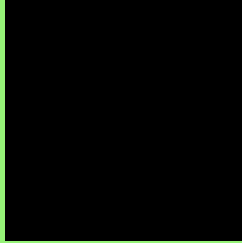
Any Text WCAG AA ✓ Pass

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 95F277 Background



This preview shows how black text looks on a background with the Hex color 95F277.

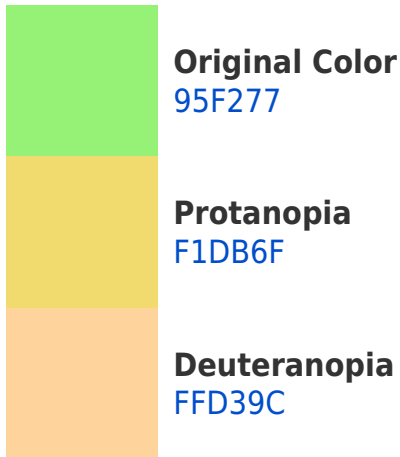


This preview shows how white text looks on a background with the Hex color 95F277.

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



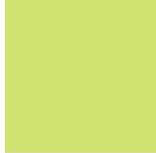


Tritanopia
ABE4F6

Trichromacy



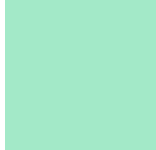
Original Color
95F277



Protanomaly
D0E372



Deuteranomaly
D8DE8F

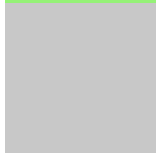


Tritanomaly
A3E9C8

Monochromacy



Original Color
95F277



Achromatopsia
C8C8C8



Achromatomaly
B5D7AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 95F277 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 #95F277 looks like.

```
.text, #text, p{  
    color:#95F277  
}
```

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 #95F277 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95F277
}
```

Border

The CSS property to change the border of an element to Hex 95F277 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
#95F277 }
```

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

```
.border{ border-color:#95F277 }
```

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

Here you see how a box with a 4 pixel #95F277 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95F277; -webkit-box-shadow:4px 4px  
4px 4px #95F277; box-shadow:4px 4px 4px  
4px #95F277 }
```

Background

The CSS property to change the background color of an element to Hex 95F277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95F277 }
```

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

```
.background{ background-color:#95F277 }
```

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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