

Converting Colors

Hex(92F267)

Have a look what the booklet for
Hex(92F267) contains.

Hex(92F267)	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(92F267)

Conversions

Conversions Part 1

Format	Color
Hex	92F267
RGB	146, 242, 103
RGB Percent	57%, 95%, 40%
CMY	0.4275, 0.0510, 0.5961
CMYK	0.40, 0.00, 0.57, 0.05
HSL	101°, 84%, 68%
HSV	101°, 57%, 95%
XYZ	46.0544, 70.5945, 24.0308
YIQ	197.4500, -12.5970, -63.5810

Conversions

Conversions Part 2

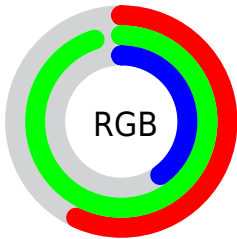
Format	Color
RYB	103, 242, 199
Decimal	9630311
CIELab	87.29, -52.49, 57.22
CIElCh	87, 77.645, 132.531
Yxy	70.5945, 0.3274, 0.5018
Android (android.graphics.Color)	4287820391 (0xFF92F267)
YUV	197.4500, -46.5638, -45.1216
Hunter-Lab	84.0205, -49.1944, 41.8568

Details

The Hex color **92F267** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **C767F2**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **CCFF9E**, and **58B930** is the 20% darker color. If you saturate the color by 10%, you get **81F24F**, and if you desaturate by 10%, it is **A3F27F**.

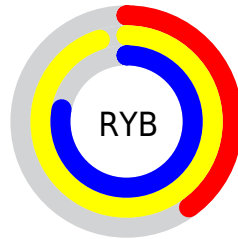
Distribution



Red (57%)

Green (95%)

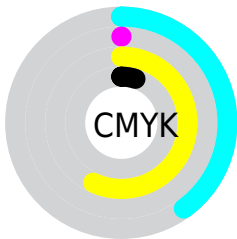
Blue (40%)



Red (40%)

Yellow (95%)

Blue (78%)

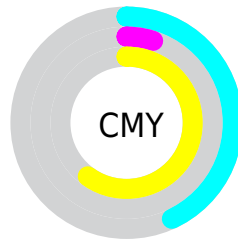


Cyan (40%)

Magenta (0%)

Yellow (57%)

Black (5%)



Cyan (43%)

Magenta (5%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 92F267 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 92F267 by changing the saturation by 10% instead.

 92F267

 92F267

FFFFFF

 75D54C

 CCFF9E

 58B930

 EAFFBA

 399E0C

 FFFFD7

 0E8300

 FFFFF4

 006900

 005000

 003800

 002100

 000000

 92F267

 92F267

 81F24F

 A3F27F

 71F237

 B3F297

 60F21E

 C4F2B0

 4FF206

 D5F2C8

 4BF200

 E6F2E0

 F6F2F8

 FFF2FF

Harmonies

Analogous

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



E4E13B



92F267



00FBAC

Triad

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



92F267



00EFFF



FF96BF

Complementary

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



92F267



C767F2

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.



FF9DFF



92F267



85D8FF

Square

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



92F267



00FBFF



FFBAFF



FFAA7A

Rectangle

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



92F267



00FEDF



FFBAFF



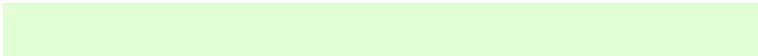
FF95D7

Sweetspot

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



92F267



E1FFD4



F2C667



6E8066



000000



808080

Same Dimension

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



92F267



85FF4F



67F280



70786C



39B800



113800

Inverse Universe

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



C767F2



C94FFF



F267D9



746C78



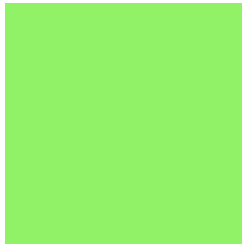
7F00B8



270038

Previews

White Background



This preview shows how the Hex color 92F267 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

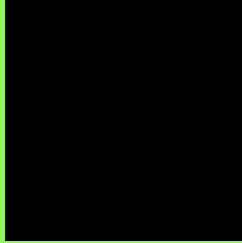
Any Text WCAG AA ✓ Pass

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 92F267 Background



This preview shows how black text looks on a background with the Hex color 92F267.

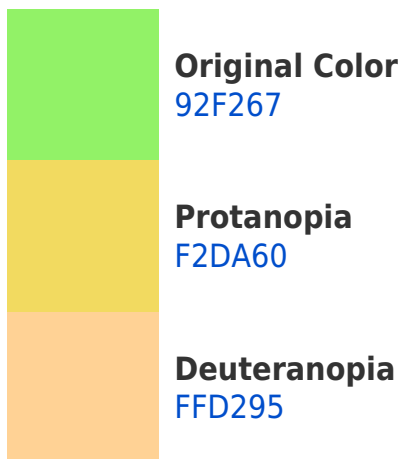


This preview shows how white text looks on a background with the Hex color 92F267.

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](#).

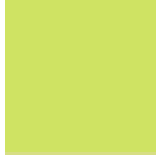
Dichromacy



Trichromacy



Original Color
92F267



Protanomaly
CFE363



Deuteranomaly
D7DE84



Tritanomaly
A1E8C1

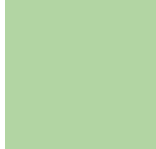
Monochromacy



Original Color
92F267



Achromatopsia
C5C5C5



Achromatomaly
B2D5A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 92F267 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 #92F267 looks like.

```
.text, #text, p{  
    color:#92F267  
}
```

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 #92F267 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #92F267
}
```

Border

The CSS property to change the border of an element to Hex 92F267 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
#92F267 }
```

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

```
.border{ border-color:#92F267 }
```

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

Here you see how a box with a 4 pixel #92F267 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #92F267; -webkit-box-shadow:4px 4px  
4px 4px #92F267; box-shadow:4px 4px 4px  
4px #92F267 }
```

Background

The CSS property to change the background color of an element to Hex 92F267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#92F267 }
```

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

```
.background{ background-color:#92F267 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor