

Converting Colors

Hex(94D96F)

Have a look what the booklet for
Hex(94D96F) contains.

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Color

Hex(94D96F)

Conversions

Conversions Part 1

Format	Color
Hex	94D96F
RGB	148, 217, 111
RGB Percent	58%, 85%, 44%
CMY	0.4196, 0.1490, 0.5647
CMYK	0.32, 0.00, 0.49, 0.15
HSL	99°, 58%, 64%
HSV	99°, 49%, 85%
XYZ	39.8948, 57.0693, 23.9517
YIQ	184.2850, -7.0980, -47.5940

Conversions

Conversions Part 2

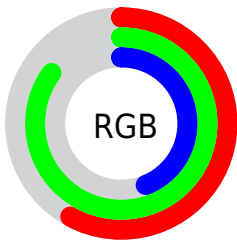
Format	Color
RYB	111, 217, 180
Decimal	9754991
CIELab	80.22, -40.37, 45.16
CIElCh	80, 60.575, 131.793
Yxy	57.0693, 0.3299, 0.4720
Android (android.graphics.Color)	4287945071 (0xFF94D96F)
YUV	184.2850, -36.1295, -31.8219
Hunter-Lab	75.5442, -37.9367, 34.0827

Details

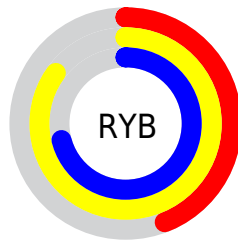
The Hex color **94D96F** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B46FD9**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **CDFFA5**, and **5DA23C** is the 20% darker color. If you saturate the color by 10%, you get **86D959**, and if you desaturate by 10%, it is **A2D985**.

Distribution



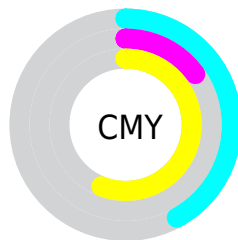
- Red (58%)
- Green (85%)
- Blue (44%)



- Red (44%)
- Yellow (85%)
- Blue (71%)



- Cyan (32%)
- Magenta (0%)
- Yellow (49%)
- Black (15%)



- Cyan (42%)
- Magenta (15%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94D96F 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 94D96F by changing the saturation by 10% instead.

 94D96F

 94D96F

FFFFFF

 78BD55

 CDFFA5

 5DA23C

 EAFFC0

 428721

 FFFFDD

 256D01

 FFFFFA

 005400

 003C00

 002800

 000100

 000000

 94D96F

 94D96F

 86D959

 A2D985

 78D944

 B0D99A

 6AD92E

 BED9B0

 5BD918

 CDD9C6

 4DD903

 DBD9DC

 4CD900

 E9D9F1

 F7D9FF

 FFD9FF

Harmonies

Analogous

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



D2CB52



94D96F



31E1A2

Triad

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



94D96F



00D7FF



FF96B3

Complementary

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



94D96F



B46FD9

Split Complementary

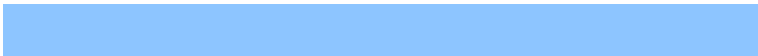
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF9BEC



94D96F



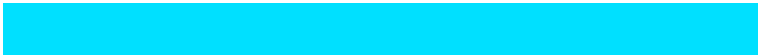
8DC5FF

Square

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



94D96F



00E0FF



E8AFFF



FFA37E

Rectangle

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



94D96F



00E3C9



E8AFFF



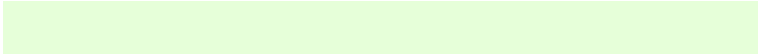
FF96C6

Sweetspot

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



94D96F



E6FFD9



D9B46F



718069



000000



808080

Same Dimension

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



94D96F



9DFF69



6FD97F



676E63



3DAD00



102E00

Inverse Universe

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



B46FD9



CA69FF



D96FC9



6A636E



7100AD



1E002E

Previews

White Background



This preview shows how the Hex color 94D96F looks on a white background.

Color Contrast Check

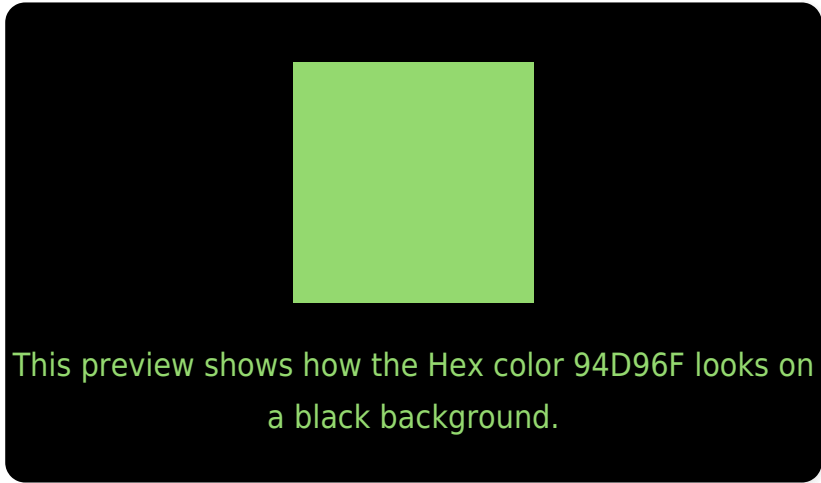
Large Text (above 18pt) WCAG AA × Fail

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 94D96F Background



This preview shows how black text looks on a background with the Hex color 94D96F.

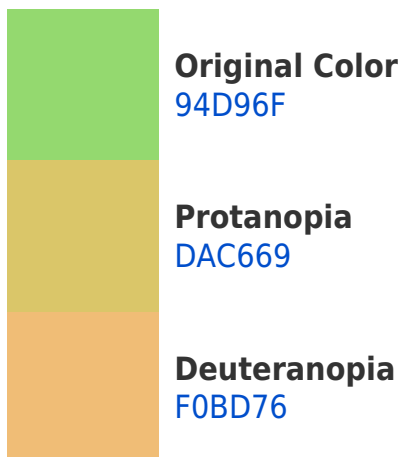


This preview shows how white text looks on a background with the Hex color 94D96F.

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
94D96F



Protanomaly
C1CD6B



Deuteranomaly
CFC773

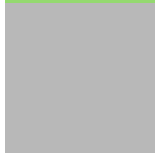


Tritanomaly
9FD1B5

Monochromacy



Original Color
94D96F



Achromatopsia
B8B8B8



Achromatomaly
ABC49D

CSS Examples

Text

The CSS property to change the color of the text to Hex 94D96F 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 #94D96F looks like.

```
.text, #text, p{  
    color:#94D96F  
}
```

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 #94D96F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94D96F
}
```

Border

The CSS property to change the border of an element to Hex 94D96F 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
#94D96F }
```

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

```
.border{ border-color:#94D96F }
```

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

Here you see how a box with a 4 pixel #94D96F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94D96F; -webkit-box-shadow:4px 4px  
4px 4px #94D96F; box-shadow:4px 4px 4px  
4px #94D96F }
```

Background

The CSS property to change the background color of an element to Hex 94D96F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94D96F }
```

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

```
.background{ background-color:#94D96F }
```

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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