

Converting Colors

Hex(94CF76)

Have a look what the booklet for
Hex(94CF76) contains.

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Color

Hex(94CF76)

Conversions

Conversions Part 1	
Format	Color
Hex	94CF76
RGB	148, 207, 118
RGB Percent	58%, 81%, 46%
CMY	0.4196, 0.1882, 0.5373
CMYK	0.29, 0.00, 0.43, 0.19
HSL	100°, 48%, 64%
HSV	100°, 43%, 81%
XYZ	37.7956, 52.2296, 25.2288
YIQ	179.2130, -6.5950, -40.1870

Conversions

Conversions Part 2

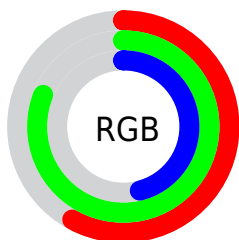
Format	Color
RYB	118, 207, 177
Decimal	9752438
CIELab	77.42, -34.98, 38.22
CIELCh	77, 51.816, 132.464
Yxy	52.2296, 0.3279, 0.4532
Android (android.graphics.Color)	4287942518 (0xFF94CF76)
YUV	179.2130, -30.1780, -27.3738
Hunter-Lab	72.2700, -33.1211, 29.8914

Details

The Hex color **94CF76** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B176CF**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **CCFFAB**, and **5E9843** is the 20% darker color. If you saturate the color by 10%, you get **86CF61**, and if you desaturate by 10%, it is **A2CF8B**.

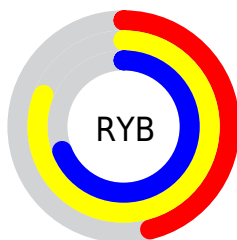
Distribution



Red (58%)

Green (81%)

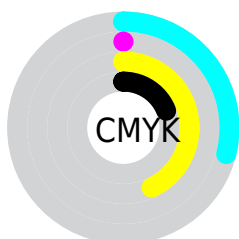
Blue (46%)



Red (46%)

Yellow (81%)

Blue (69%)

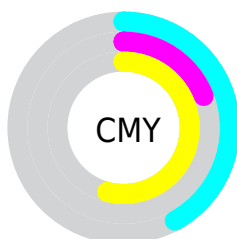


Cyan (29%)

Magenta (0%)

Yellow (43%)

Black (19%)



Cyan (42%)

Magenta (19%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94CF76 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 94CF76 by changing the saturation by 10% instead.

 94CF76

FFFFFF

 CCFFAB

 E9FFC7

 FFFFE3

 94CF76

 79B35C

 5E9843

 447E2B

 2A6511

 0A4C00

 003500

 002100

 000000

 94CF76

 94CF76

 86CF61 A2CF8B 79CF4D AFCF9F 6BCF38 BDCFB4 5DCF23 CBCFC9 4FCF0F D9CFDE 46CF00 E6CFF2 F4CFFF FFCFFF

Harmonies

Analogous

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



C9C35E



94CF76



4DD6A1

Triad

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



94CF76



00CCFF



FF98AD

Complementary

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



94CF76



B176CF

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.



FF9CDD



94CF76



95BDFF

Square

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



94CF76



00D5FF



DDABFF



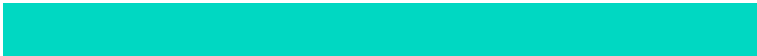
FFA281

Rectangle

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



94CF76



00D8C2



DDABFF



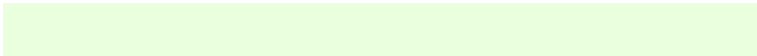
FF97BD

Sweetspot

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



94CF76



E9FFDE



CFB076



72806B



000000



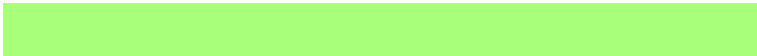
808080

Same Dimension

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



94CF76



A7FF7A



76CF83



62695E



39A800



0E2900

Inverse Universe

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



B176CF



D27AFF



CF76C2



655E69



7000A8



1B0029

Previews

White Background



This preview shows how the Hex color 94CF76 looks on a white background.

Color Contrast Check

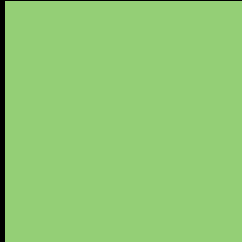
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 94CF76 looks on a 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 94CF76 Background



This preview shows how black text looks on a background with the Hex color 94CF76.



This preview shows how white text looks on a background with the Hex color 94CF76.

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



Original Color
94CF76

Protanopia
D1BF70

Deuteranopia
E5B67C

Trichromacy



Original Color

94CF76



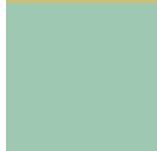
Protanomaly

BBC572



Deuteranomaly

C8BF7A



Tritanomaly

9EC8B2

Monochromacy



Original Color

94CF76



Achromatopsia

B3B3B3



Achromatomaly

A8BD9D

CSS Examples

Text

The CSS property to change the color of the text to Hex 94CF76 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 #94CF76 looks like.

```
.text, #text, p{  
    color:#94CF76  
}
```

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 #94CF76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94CF76
}
```

Border

The CSS property to change the border of an element to Hex 94CF76 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
#94CF76 }
```

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

```
.border{ border-color:#94CF76 }
```

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

Here you see how a box with a 4 pixel #94CF76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94CF76; -webkit-box-shadow:4px 4px  
4px 4px #94CF76; box-shadow:4px 4px 4px  
4px #94CF76 }
```

Background

The CSS property to change the background color of an element to Hex 94CF76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94CF76 }
```

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

```
.background{ background-color:#94CF76 }
```

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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