

Converting Colors

Hex(9FC460)

Have a look what the booklet for
Hex(9FC460) contains.

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Color

Hex(9FC460)

Conversions

Conversions Part 1

Format	Color
Hex	9FC460
RGB	159, 196, 96
RGB Percent	62%, 77%, 38%
CMY	0.3765, 0.2314, 0.6235
CMYK	0.19, 0.00, 0.51, 0.23
HSL	82°, 46%, 57%
HSV	82°, 51%, 77%
XYZ	36.1493, 47.6953, 18.3672
YIQ	173.5370, 10.0480, -38.9440

Conversions

Conversions Part 2

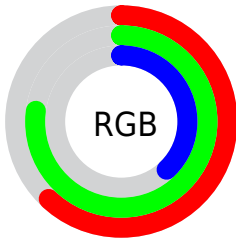
Format	Color
RYB	96, 196, 133
Decimal	10470496
CIELab	74.63, -28.39, 45.76
CIELCh	75, 53.849, 121.822
Yxy	47.6953, 0.3537, 0.4666
Android (android.graphics.Color)	4288660576 (0xFF9FC460)
YUV	173.5370, -38.2257, -12.7489
Hunter-Lab	69.0618, -27.4251, 32.5749

Details

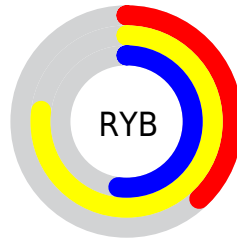
The Hex color **9FC460** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **8560C4**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **D7FD95**, and **698E2D** is the 20% darker color. If you saturate the color by 10%, you get **98C44C**, and if you desaturate by 10%, it is **A6C474**.

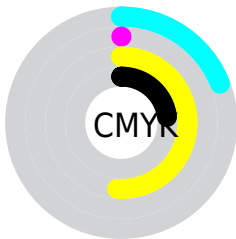
Distribution



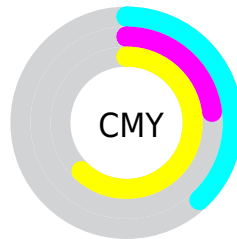
- Red (62%)
- Green (77%)
- Blue (38%)



- Red (38%)
- Yellow (77%)
- Blue (52%)



- Cyan (19%)
- Magenta (0%)
- Yellow (51%)
- Black (23%)



- Cyan (38%)
- Magenta (23%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9FC460 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 9FC460 by changing the saturation by 10% instead.



9FC460



9FC460

FFFFFF



84A946



D7FD95



698E2D



F4FFB0



4F7411



FFFCC



355C00



FFFEE9



1C4400



002D00



001900



000000



9FC460



9FC460

 98C44C

 A6C474

 90C439

 AEC487

 89C425

 B5C49B

 82C412

 BCC4AE

 7BC400

 C3C4C2

 CBC4D6

 D2C4E9

 D9C4FD

 E0C4FF

Harmonies

Analogous

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



D2B651



9FC460



5ECD87

Triad

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



9FC460



00C9FF



FF8EB7

Complementary

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



9FC460



8560C4

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.



F797E7



9FC460



63BCFF

Square

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



9FC460



00D0EA



BFA9FF



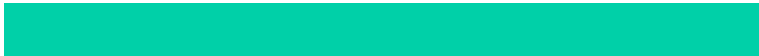
FF9486

Rectangle

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



9FC460



00D0A8



BFA9FF



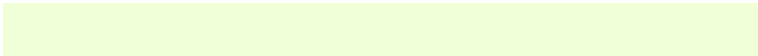
FF8FC7

Sweetspot

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



9FC460



F1FFD9



C48560



778069



000000



808080

Same Dimension

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



9FC460



C5FF63



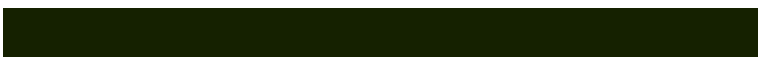
6DC460



5D6157



65A100



152100

Inverse Universe

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



8560C4



9D63FF



B760C4



5B5761



3B00A1



0C0021

Previews

White Background



This preview shows how the Hex color 9FC460 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 9FC460 Background



This preview shows how black text looks on a background with the Hex color 9FC460.



This preview shows how white text looks on a background with the Hex color 9FC460.

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
9FC460

Protanopia
CAB75C

Deuteranopia
E0AF65



Tritanopia
ACB9C7

Trichromacy



Original Color
9FC460

Protanomaly
BABC5D

Deuteranomaly
C8B763

Tritanomaly
A7BDA2

Monochromacy



Original Color
9FC460

Achromatopsia
AEAEAE

Achromatomaly
A9B692

CSS Examples

Text

The CSS property to change the color of the text to Hex 9FC460 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 #9FC460 looks like.

```
.text, #text, p{  
    color:#9FC460  
}
```

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 #9FC460 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FC460
}
```

Border

The CSS property to change the border of an element to Hex 9FC460 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
#9FC460 }
```

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

```
.border{ border-color:#9FC460 }
```

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

Here you see how a box with a 4 pixel #9FC460 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FC460; -webkit-box-shadow:4px 4px  
4px 4px #9FC460; box-shadow:4px 4px 4px  
4px #9FC460 }
```

Background

The CSS property to change the background color of an element to Hex 9FC460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FC460 }
```

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

```
.background{ background-color:#9FC460 }
```

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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