

# Converting Colors

Hex(9FB95E)

Have a look what the booklet for  
Hex(9FB95E) contains.

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# Color

Hex(9FB95E)

# Conversions

## Conversions Part 1

Format	Color
Hex	9FB95E
RGB	159, 185, 94
RGB Percent	62%, 73%, 37%
CMY	0.3765, 0.2745, 0.6314
CMYK	0.14, 0.00, 0.49, 0.27
HSL	77°, 39%, 55%
HSV	77°, 49%, 73%
XYZ	33.6674, 42.8770, 17.0913
YIQ	166.8520, 13.7150, -33.8130

# Conversions

## Conversions Part 2

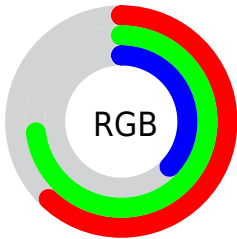
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 185, 120
Decimal	10467678
CIELab	71.47, -23.26, 42.93
CIELCh	71, 48.821, 118.448
Yxy	42.8770, 0.3596, 0.4579
Android (android.graphics.Color)	4288657758 (0xFF9FB95E)
YUV	166.8520, -35.9160, -6.8862
Hunter-Lab	65.4805, -22.8135, 30.3609

# Details

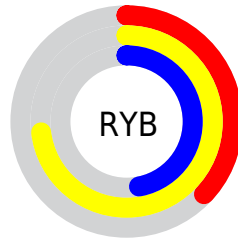
The Hex color **9FB95E** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **785EB9**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **D7F192**, and **69842C** is the 20% darker color. If you saturate the color by 10%, you get **9AB94C**, and if you desaturate by 10%, it is **A4B971**.

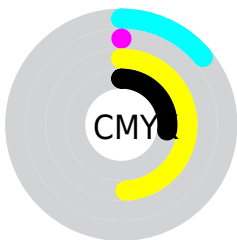
# Distribution



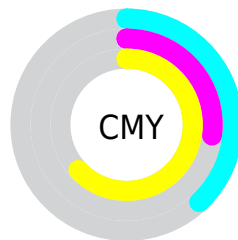
- Red (62%)
- Green (73%)
- Blue (37%)



- Red (37%)
- Yellow (73%)
- Blue (47%)



- Cyan (14%)
- Magenta (0%)
- Yellow (49%)
- Black (27%)



- Cyan (38%)
- Magenta (27%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FB95E 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 9FB95E by changing the saturation by 10% instead.





9FB95E



9FB95E

FFFFFF



849E45



D7F192



69842C



F4FFAE



506B11



FFFFC9



375200



FFFFE6



1E3B00



012500



000A00



000000



9FB95E



9FB95E

 9AB94C

 A4B971

 94B939

 AAB983

 8FB927

 AFB996

 8AB914

 B4B9A8

 85B901

 B9B9BB

 84B900

 BFB9CD

 C4B9E0

 C9B9F2

 CFB9FF

# Harmonies

## Analogous

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



CCAC54



9FB95E



68C27F

# Triad

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



9FB95E



00C0FA



FF8AB3

# Complementary

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



9FB95E



785EB9

# 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.



E494DE



9FB95E



5CB4FF

# Square

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



9FB95E



00C5D8



AFA4FD



FF8E87

# Rectangle

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



9FB95E



30C59C



AFA4FD



F98CC2



# Sweetspot

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



9FB95E



E5F0CC



B9785E



727862



F7F7F7



787878



# Same Dimension

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



9FB95E



C7F062



72B95E



595C53



6F9C00



141C00



# Inverse Universe

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



785EB9



8B62F0



A55EB9



55535C



2C009C



08001C



# Previews

## White Background



This preview shows how the Hex color 9FB95E looks on a white background.

## Color Contrast Check

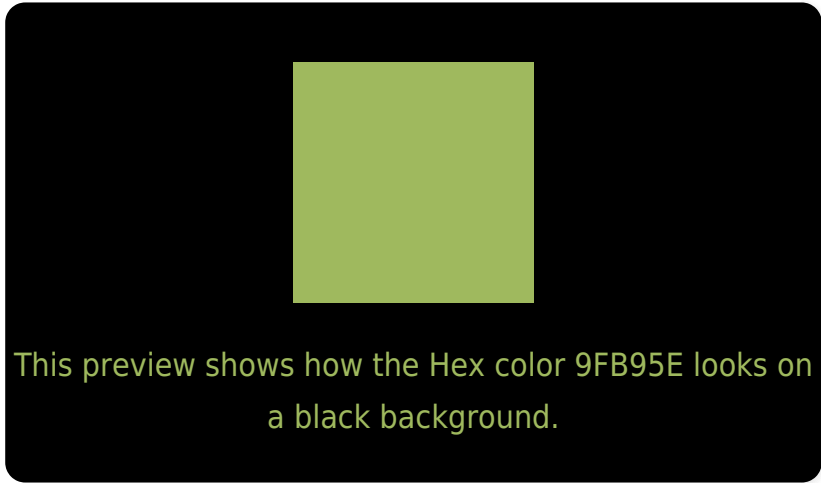
Large Text (above 18pt) WCAG AA × Fail

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

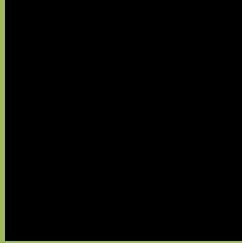
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9FB95E Background



This preview shows how black text looks on a background with the Hex color 9FB95E.

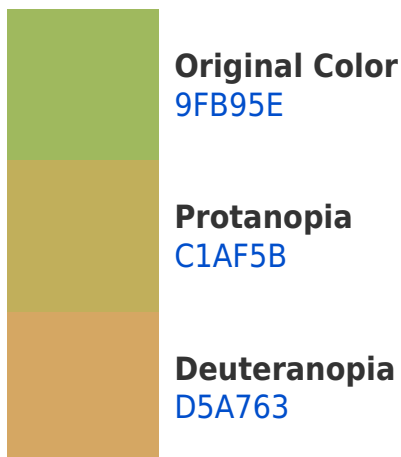


This preview shows how white text looks on a background with the Hex color 9FB95E.

# Color Blindness Simulation

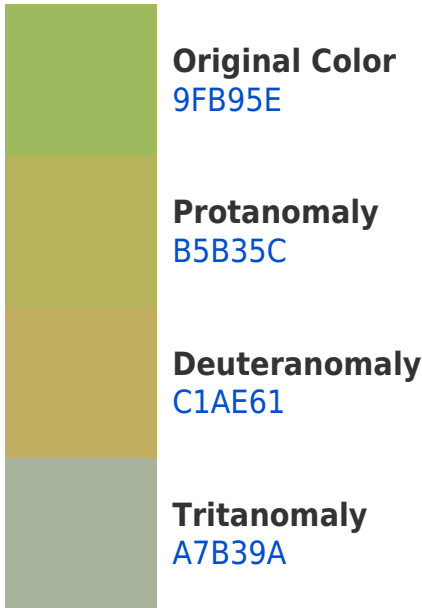
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FB95E 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 #9FB95E looks like.

```
.text, #text, p{  
    color:#9FB95E  
}
```

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 #9FB95E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FB95E
}
```

## Border

The CSS property to change the border of an element to Hex 9FB95E 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
#9FB95E }
```

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

```
.border{ border-color:#9FB95E }
```

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

Here you see how a box with a 4 pixel #9FB95E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FB95E; -webkit-box-shadow:4px 4px  
4px 4px #9FB95E; box-shadow:4px 4px 4px  
4px #9FB95E }
```

# Background

The CSS property to change the background color of an element to Hex 9FB95E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FB95E }
```

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

```
.background{ background-color:#9FB95E }
```

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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