

# Converting Colors

Hex(8FA956)

Have a look what the booklet for  
Hex(8FA956) contains.

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**Color**

**Hex(8FA956)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8FA956
RGB	143, 169, 86
RGB Percent	56%, 66%, 34%
CMY	0.4392, 0.3373, 0.6627
CMYK	0.15, 0.00, 0.49, 0.34
HSL	79°, 33%, 50%
HSV	79°, 49%, 66%
XYZ	27.1954, 34.8875, 14.1047
YIQ	151.7640, 11.1470, -31.3250

# Conversions

## Conversions Part 2

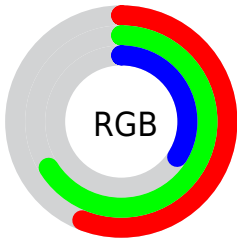
Format	Color
<a href="#">RYB</a>	<a href="#">86, 169, 112</a>
Decimal	<a href="#">9414998</a>
CIELab	<a href="#">65.66, -22.51, 39.60</a>
CIELCh	<a href="#">66, 45.550, 119.619</a>
Yxy	<a href="#">34.8875, 0.3570, 0.4579</a>
Android (android.graphics.Color)	<a href="#">4287605078 (0xFF8FA956)</a>
YUV	<a href="#">151.7640, -32.4217, -7.6860</a>
Hunter-Lab	<a href="#">59.0656, -21.1787, 27.1876</a>

# Details

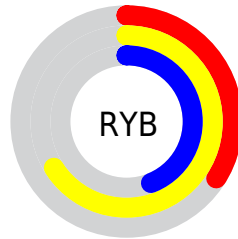
The Hex color **8FA956** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7056A9**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **C6E08A**, and **5B7525** is the 20% darker color. If you saturate the color by 10%, you get **8AA945**, and if you desaturate by 10%, it is **94A967**.

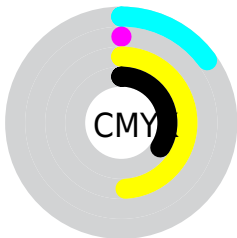
# Distribution



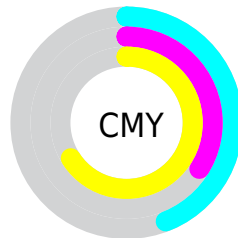
- Red (56%)
- Green (66%)
- Blue (34%)



- Red (34%)
- Yellow (66%)
- Blue (44%)



- Cyan (15%)
- Magenta (0%)
- Yellow (49%)
- Black (34%)



- Cyan (44%)
- Magenta (34%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8FA956 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 8FA956 by changing the saturation by 10% instead.





8FA956



8FA956

FFFFFF



748E3D



C6E08A



5B7525



E3FDA4



415C09



FFFFC0



294400



FFFFDC



102E00



FFFFF9



001C00



000000



8FA956



8FA956



8AA945



94A967

84A934

9AA978

7FA923

9FA989

7AA912

A4A99A

75A902

A9A9AA

74A900

AFA9BB

B4A9CC

B9A9DD

BFA9EE

# Harmonies

## Analogous

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



B99D4C



8FA956



5CB175

# Triad

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



8FA956



00AEE5



EA7EA2

# Complementary

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



8FA956



7056A9

# 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.



D286C9



8FA956



57A4F1

# Square

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



8FA956



00B4C7



A295E7



EB8279

# Rectangle

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



8FA956



26B48F



A295E7



E47FAF



# Sweetspot

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



8FA956



D1DBBA



A96F56



676E5A



EDEDED



6E6E6E



# Same Dimension

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



8FA956



B3DB5A



67A956



52544C



669400



0E1400



# Inverse Universe

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



7056A9



825ADB



9856A9



4E4C54



2E0094



060014



# Previews

## White Background



This preview shows how the Hex color 8FA956 looks on a white background.

## Color Contrast Check

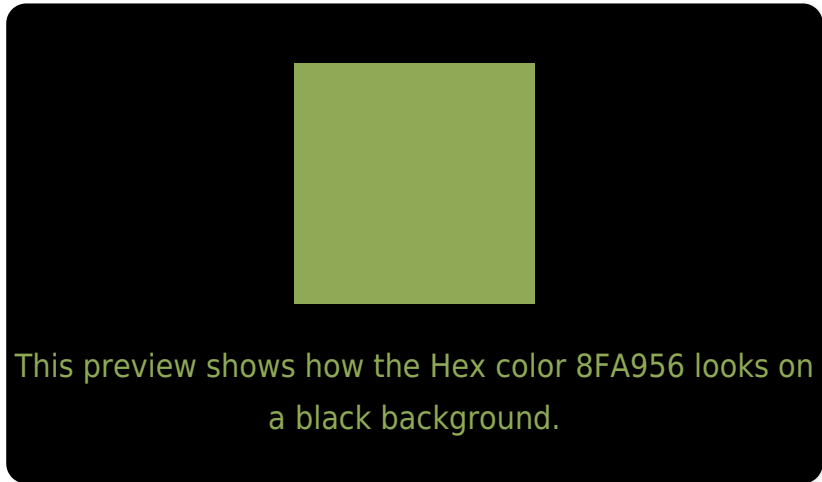
Large Text (above 18pt) WCAG AA × Fail

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 8FA956 Background



This preview shows how black text looks on a background with the Hex color 8FA956.

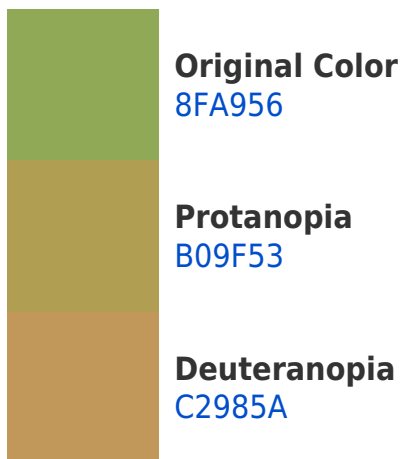


This preview shows how white text looks on a background with the Hex color 8FA956.

# 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](#).

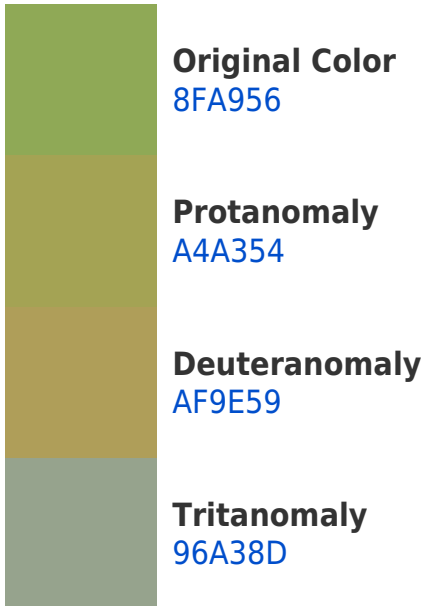
## Dichromacy



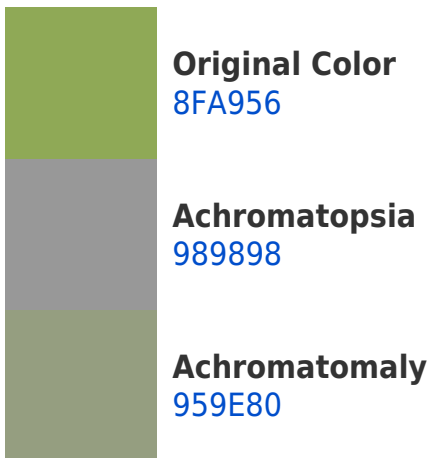


**Tritanopia**  
9A9FAC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8FA956 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 #8FA956 looks like.

```
.text, #text, p{  
    color:#8FA956  
}
```

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 #8FA956 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FA956  
}
```

## Border

The CSS property to change the border of an element to Hex 8FA956 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  
#8FA956 }
```

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

```
.border{ border-color:#8FA956 }
```

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

Here you see how a box with a 4 pixel #8FA956 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FA956; -webkit-box-shadow:4px 4px  
4px 4px #8FA956; box-shadow:4px 4px 4px  
4px #8FA956 }
```

# Background

The CSS property to change the background color of an element to Hex 8FA956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FA956 }
```

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

```
.background{ background-color:#8FA956 }
```

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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