

# Converting Colors

Hex(789F5B)

Have a look what the booklet for  
Hex(789F5B) contains.

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**Color**

**Hex(789F5B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	789F5B
RGB	120, 159, 91
RGB Percent	47%, 62%, 36%
CMY	0.5294, 0.3765, 0.6431
CMYK	0.25, 0.00, 0.43, 0.38
HSL	94°, 27%, 49%
HSV	94°, 43%, 62%
XYZ	22.0322, 29.5447, 14.4390
YIQ	139.5870, -1.4160, -29.4160

# Conversions

## Conversions Part 2

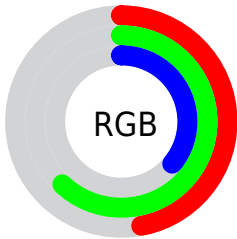
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 159, 130
Decimal	7905115
CIE <sub>Lab</sub>	61.26, -25.87, 31.22
CIE <sub>LCh</sub>	61, 40.542, 129.649
Yxy	29.5447, 0.3337, 0.4475
Android (android.graphics.Color)	4286095195 (0xFF789F5B)
YUV	139.5870, -23.9534, -17.1778
Hunter-Lab	54.3550, -22.7683, 22.2986

# Details

The Hex color **789F5B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **825B9F**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **AED68E**, and **456B2B** is the 20% darker color. If you saturate the color by 10%, you get **6F9F4B**, and if you desaturate by 10%, it is **819F6B**.

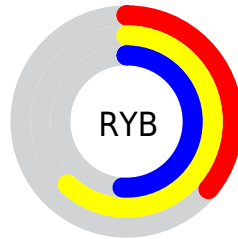
# Distribution



Red (47%)

Green (62%)

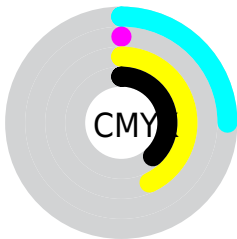
Blue (36%)



Red (36%)

Yellow (62%)

Blue (51%)

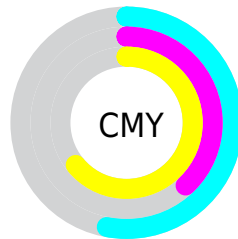


Cyan (25%)

Magenta (0%)

Yellow (43%)

Black (38%)



Cyan (53%)

Magenta (38%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 789F5B 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 789F5B by changing the saturation by 10% instead.



 789F5B

 789F5B

FFFFFF

 5E8543


 AED68E

 456B2B

 C9F2A9

 2D5314

 E6FFC4

 153B00

 FFFFE1

 002600

FFFFFFD


 000900

 000000

 789F5B

 789F5B

 6F9F4B

 819F6B

 669F3B

 8A9F7B

 5D9F2B

 939F8B

 549F1B

 9C9F9B

 4A9F0B

 A69FAB

 449F00

 AF9FBA

 B89FCA

 C19FDA

 CA9FEA

# Harmonies

## Analogous

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



9F964B



789F5B



47A57A

# Triad

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



789F5B



0E9ED6



D8778A

# Complementary

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



789F5B



825B9F

# 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.



CA7AAE



789F5B



6F94DA

# Square

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



789F5B



00A5C1



A686CB



D37D68

# Rectangle

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



789F5B



09A692



A686CB



D67796



# Sweetspot

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



789F5B



BFCFB4



9F825B



5F6958



E8E8E8



696969



# Same Dimension

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



789F5B



92CF65



5B9F60



4B4F47



3D8F00



070F00



# Inverse Universe

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



825B9F



A265CF



9F5B9A



4C474F



52008F



09000F



# Previews

## White Background



This preview shows how the Hex color 789F5B looks on a white background.

## Color Contrast Check

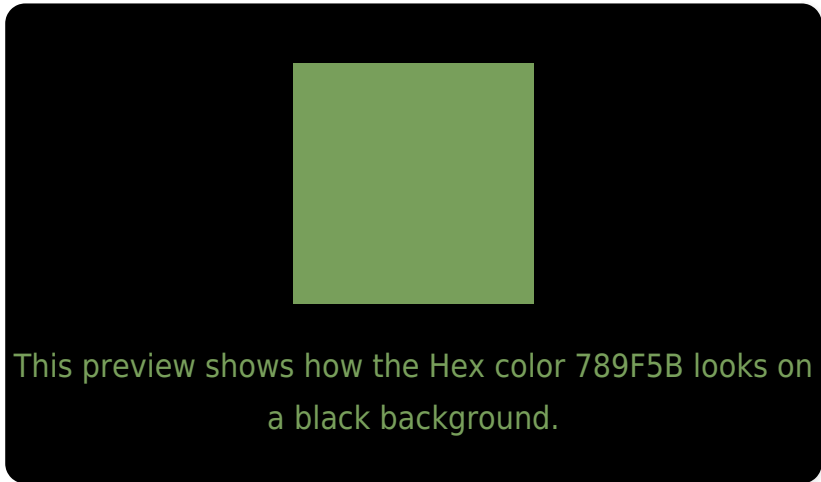
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex 789F5B Background



This preview shows how black text looks on a background with the Hex color 789F5B.



This preview shows how white text looks on a background with the Hex color 789F5B.

# 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](#).

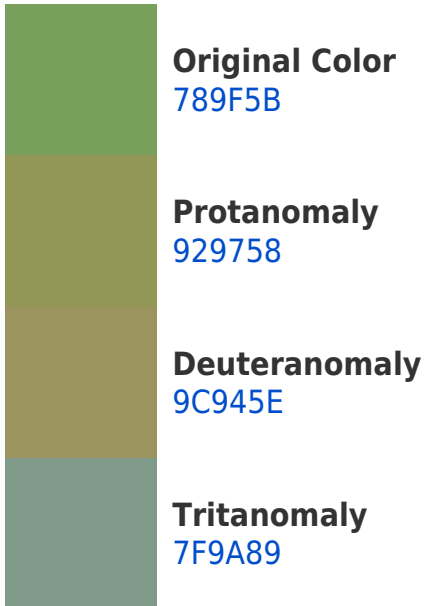
## Dichromacy





**Tritanopia**  
8397A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 789F5B 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 #789F5B looks like.

```
.text, #text, p{  
    color:#789F5B  
}
```

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 #789F5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #789F5B
}
```

## Border

The CSS property to change the border of an element to Hex 789F5B 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
#789F5B }
```

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

```
.border{ border-color:#789F5B }
```

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

Here you see how a box with a 4 pixel #789F5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #789F5B; -webkit-box-shadow:4px 4px  
4px 4px #789F5B; box-shadow:4px 4px 4px  
4px #789F5B }
```

# Background

The CSS property to change the background color of an element to Hex 789F5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#789F5B }
```

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

```
.background{ background-color:#789F5B }
```

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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