

# Converting Colors

Hex(61AF89)

Have a look what the booklet for  
Hex(61AF89) contains.

<b>Hex(61AF89)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(61AF89)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61AF89
RGB	97, 175, 137
RGB Percent	38%, 69%, 54%
CMY	0.6196, 0.3137, 0.4627
CMYK	0.45, 0.00, 0.22, 0.31
HSL	151°, 33%, 53%
HSV	151°, 45%, 69%
XYZ	24.7751, 35.0075, 29.1182
YIQ	147.3460, -34.2900, -28.3540

# Conversions

## Conversions Part 2

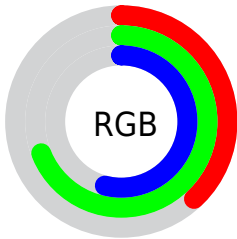
Format	Color
<a href="#">RYB</a>	<a href="#">97, 149, 175</a>
Decimal	<a href="#">6401929</a>
CIELab	<a href="#">65.75, -32.99, 12.10</a>
CIELCh	<a href="#">66, 35.144, 159.858</a>
Yxy	<a href="#">35.0075, 0.2787, 0.3938</a>
Android (android.graphics.Color)	<a href="#">4284592009 (0xFF61AF89)</a>
YUV	<a href="#">147.3460, -5.1006, -44.1534</a>
Hunter-Lab	<a href="#">59.1671, -28.7990, 12.2383</a>

# Details

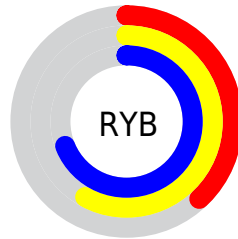
The Hex color **61AF89** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AF6187**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **97E7BE**, and **2A7A57** is the 20% darker color. If you saturate the color by 10%, you get **50AF80**, and if you desaturate by 10%, it is **73AF92**.

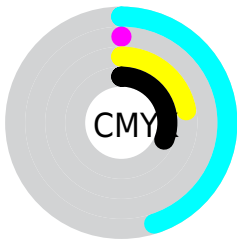
# Distribution



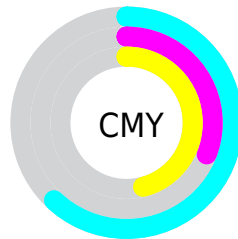
- Red (38%)
- Green (69%)
- Blue (54%)



- Red (38%)
- Yellow (58%)
- Blue (69%)



- Cyan (45%)
- Magenta (0%)
- Yellow (22%)
- Black (31%)



- Cyan (62%)
- Magenta (31%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61AF89 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 61AF89 by changing the saturation by 10% instead.



 61AF89

 61AF89

FFFFFF

 469470

 97E7BE

 2A7A57

 B3FFDA

 056140

 D0FFF7

 00482A

 EDFFFF

 003115

 001D00

 000000

 61AF89

 61AF89

 50AF80

 73AF92

 3EAF78

 84AF9A

 2DAF6F

 96AFA3

 1BAF67

 A7AFAB

 09AF5E

 B9AFB4

 00AF5A

 CAAFBC

 DBAFC5

 EDAFCD

 FEAFD6

# Harmonies

## Analogous

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



88AA6E



61AF89



36B1A9

# Triad

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



61AF89



849FDE



D98C79

# Complementary

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



61AF89



AF6187

# 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.



DD8796



61AF89



B194D0

# Square

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



61AF89



4EA9DA



D08AB6



C79665

# Rectangle

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



61AF89



1FB0BE



D08AB6



DC8A82



# Sweetspot

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



61AF89



C5E3D5



88AF61



60736A



F2F2F2



737373



# Same Dimension

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



61AF89



6BE3A8



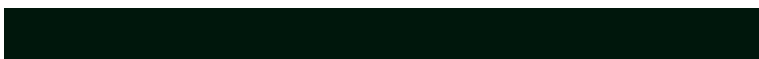
61AFAF



4E5752



00964D



00170C



# Inverse Universe

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



AF6187



E36BA5



AF6161



574E52



960049



17000B



# Previews

## White Background



This preview shows how the Hex color 61AF89 looks on a white background.

## Color Contrast Check

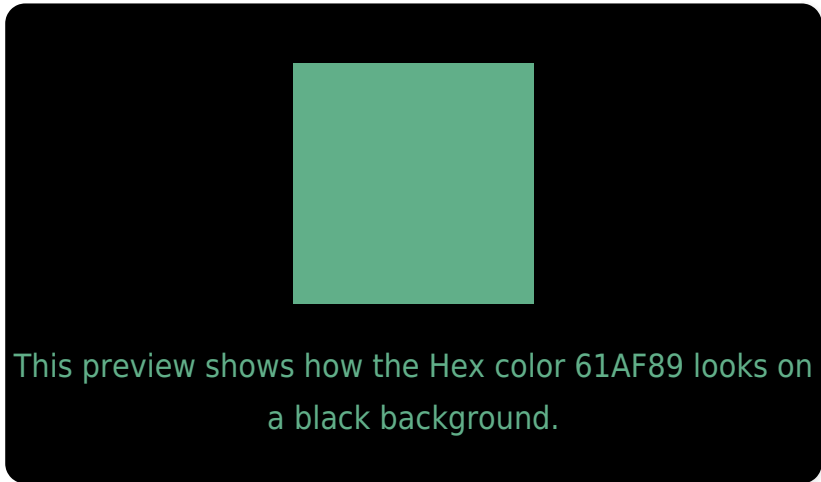
Large Text (above 18pt) WCAG AA × Fail

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

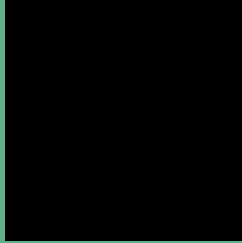
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 61AF89 Background



This preview shows how black text looks on a background with the Hex color 61AF89.

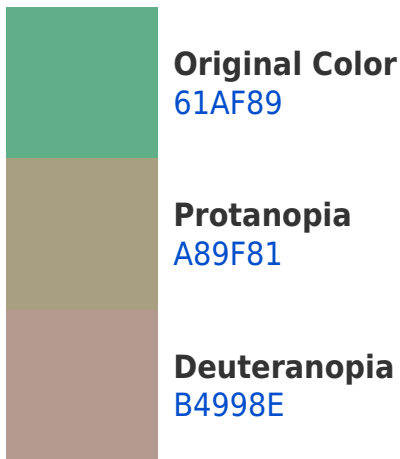


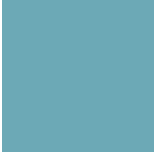
This preview shows how white text looks on a background with the Hex color 61AF89.

# 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](#).

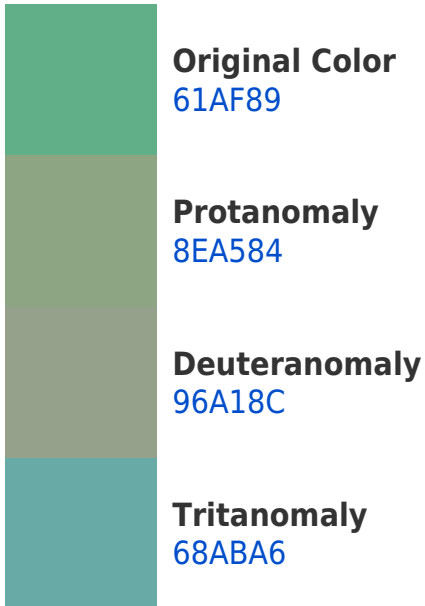
## Dichromacy





**Tritanopia**  
6CA9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61AF89 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 #61AF89 looks like.

```
.text, #text, p{  
    color:#61AF89  
}
```

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 #61AF89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61AF89
}
```

## Border

The CSS property to change the border of an element to Hex 61AF89 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
#61AF89 }
```

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

```
.border{ border-color:#61AF89 }
```

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

Here you see how a box with a 4 pixel #61AF89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61AF89; -webkit-box-shadow:4px 4px  
4px 4px #61AF89; box-shadow:4px 4px 4px  
4px #61AF89 }
```

# Background

The CSS property to change the background color of an element to Hex 61AF89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61AF89 }
```

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

```
.background{ background-color:#61AF89 }
```

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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