

# Converting Colors

Hex(6FA58A)

Have a look what the booklet for  
Hex(6FA58A) contains.

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**Color**

**Hex(6FA58A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FA58A
RGB	111, 165, 138
RGB Percent	44%, 65%, 54%
CMY	0.5647, 0.3529, 0.4588
CMYK	0.33, 0.00, 0.16, 0.35
HSL	150°, 23%, 54%
HSV	150°, 33%, 65%
XYZ	24.5981, 32.1248, 28.9490
YIQ	145.7760, -23.5170, -19.8450

# Conversions

## Conversions Part 2

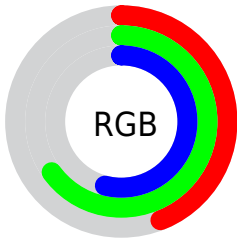
<b>Format</b>	<b>Color</b>
<b>RYB</b>	111, 147, 165
Decimal	7316874
CIELab	63.45, -23.81, 8.37
CIELCh	63, 25.235, 160.625
Yxy	32.1248, 0.2871, 0.3750
Android (android.graphics.Color)	4285506954 (0xFF6FA58A)
YUV	145.7760, -3.8336, -30.4986
Hunter-Lab	56.6787, -21.7201, 9.3924

# Details

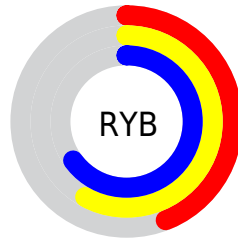
The Hex color **6FA58A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A56F8A**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **A4DCBF**, and **3D7158** is the 20% darker color. If you saturate the color by 10%, you get **5EA582**, and if you desaturate by 10%, it is **7FA592**.

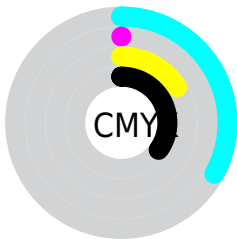
# Distribution



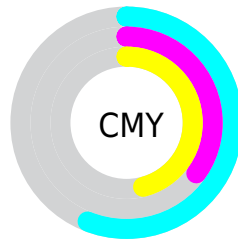
- Red (44%)
- Green (65%)
- Blue (54%)



- Red (44%)
- Yellow (58%)
- Blue (65%)



- Cyan (33%)
- Magenta (0%)
- Yellow (16%)
- Black (35%)



- Cyan (56%)
- Magenta (35%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FA58A 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 6FA58A by changing the saturation by 10% instead.



 6FA58A

 6FA58A

FFFFFF

 558B71

 A4DCBF

 3D7158

 C0F9DB

 245841

 DCFFF8

 07402B

 F9FFFF

 002A16

 001400

 000000

 6FA58A

 6FA58A

 5EA582

 7FA592

 4EA579

 90A59A

 3DA571

 A1A5A3

 2DA569

 B1A5AB

 1DA561

 C2A5B3

 0CA558

 D2A5BB

 00A552

 E3A5C4

 F3A5CC

 FFA5D4

# Harmonies

## Analogous

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



89A177



6FA58A



5AA6A1

# Triad

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



6FA58A



8999C5



C48C7D

# Complementary

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



6FA58A



A56F8A

# 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.



C78992



6FA58A



A791BC

# Square

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



6FA58A



6AA0C3



BD8BA9



B79370

# Rectangle

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



6FA58A



55A5B0



BD8BA9



C68B84



# Sweetspot

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



6FA58A



C1D6CB



8AA56F



5E6B65



EBEBEB



6B6B6B



# Same Dimension

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



6FA58A



83D6AC



6FA5A4



49524E



009149



001209



# Inverse Universe

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



A56F8A



D683AC



A56F6F



52494E



910049



120009



# Previews

## White Background



This preview shows how the Hex color 6FA58A looks on a white background.

## Color Contrast Check

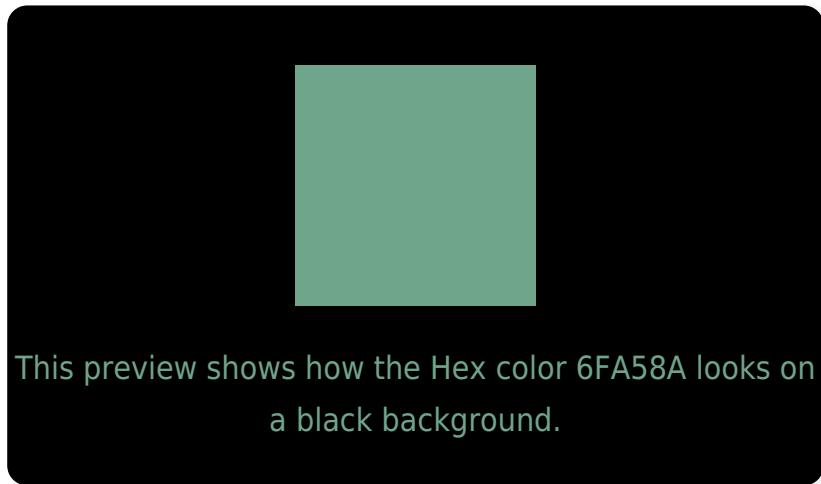
Large Text (above 18pt) WCAG AA × Fail

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

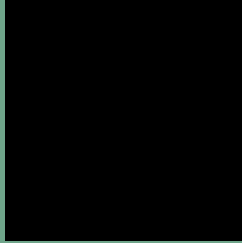
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6FA58A Background



This preview shows how black text looks on a background with the Hex color 6FA58A.



This preview shows how white text looks on a background with the Hex color 6FA58A.

# 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**  
76A0AD

# Trichromacy



**Original Color**  
6FA58A

**Protanomaly**  
8F9D86

**Deuteranomaly**  
969A8D

**Tritanomaly**  
73A2A0

# Monochromacy



**Original Color**  
6FA58A

**Achromatopsia**  
929292

**Achromatomaly**  
85998F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FA58A 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 #6FA58A looks like.

```
.text, #text, p{  
    color:#6FA58A  
}
```

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 #6FA58A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FA58A
}
```

## Border

The CSS property to change the border of an element to Hex 6FA58A 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
#6FA58A }
```

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

```
.border{ border-color:#6FA58A }
```

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

Here you see how a box with a 4 pixel #6FA58A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FA58A; -webkit-box-shadow:4px 4px  
4px 4px #6FA58A; box-shadow:4px 4px 4px  
4px #6FA58A }
```

# Background

The CSS property to change the background color of an element to Hex 6FA58A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FA58A }
```

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

```
.background{ background-color:#6FA58A }
```

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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