

# Converting Colors

Hex(6EA959)

Have a look what the booklet for  
Hex(6EA959) contains.

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# **Color**

**Hex(6EA959)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EA959
RGB	110, 169, 89
RGB Percent	43%, 66%, 35%
CMY	0.5686, 0.3373, 0.6510
CMYK	0.35, 0.00, 0.47, 0.34
HSL	104°, 32%, 51%
HSV	104°, 47%, 66%
XYZ	22.4215, 32.4122, 14.5256
YIQ	142.2390, -9.4840, -37.3880

# Conversions

## Conversions Part 2

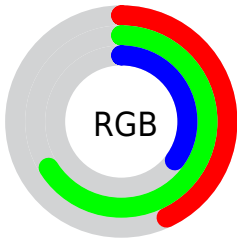
Format	Color
<a href="#">RYB</a>	<a href="#">89, 169, 148</a>
Decimal	<a href="#">7252313</a>
CIELab	<a href="#">63.68, -34.51, 35.19</a>
CIELCh	<a href="#">64, 49.290, 134.444</a>
Yxy	<a href="#">32.4122, 0.3233, 0.4673</a>
Android (android.graphics.Color)	<a href="#">4285442393 (0xFF6EA959)</a>
YUV	<a href="#">142.2390, -26.2468, -28.2736</a>
Hunter-Lab	<a href="#">56.9317, -29.3314, 24.7249</a>

# Details

The Hex color **6EA959** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9459A9**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **A4E18C**, and **3A7428** is the 20% darker color. If you saturate the color by 10%, you get **62A948**, and if you desaturate by 10%, it is **7AA96A**.

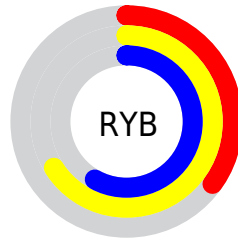
# Distribution



Red (43%)

Green (66%)

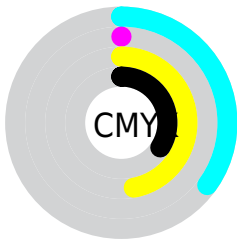
Blue (35%)



Red (35%)

Yellow (66%)

Blue (58%)

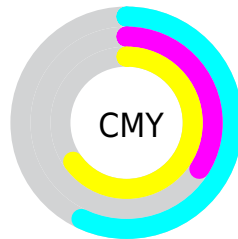


Cyan (35%)

Magenta (0%)

Yellow (47%)

Black (34%)



Cyan (57%)

Magenta (34%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EA959 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 6EA959 by changing the saturation by 10% instead.





6EA959



6EA959

FFFFFF



548E40



A4E18C



3A7428



C0FDA7



1E5B0F



DDFFC3



004300



FAFFDF



002C00



FFFFFC



001500



000000



6EA959



6EA959



62A948



7AA96A

 55A937

 87A97B

 49A926

 93A98C

 3CA915

 A0A99D

 30A905

 ACA9AD

 2CA900

 B9A9BE

 C5A9CF

 D2A9E0

 DEA9F1

# Harmonies

## Analogous

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



9F9F41



6EA959



1BAF81

# Triad

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



6EA959



00A5EE



ED7587

# Complementary

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



6EA959



9459A9

# 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.



E078B3



6EA959



7698EF

# Square

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



6EA959



00AED7



B986D9



E3805F

# Rectangle

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



6EA959



00B0A0



B986D9



EB7495



# Sweetspot

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



6EA959



C5DBBD



A99459



606E5B



EDEDED



6E6E6E



# Same Dimension

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



6EA959



7FDB5E



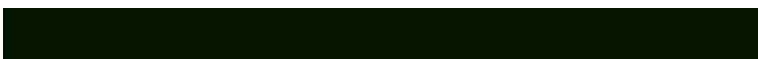
59A96C



4E544C



279400



051400



# Inverse Universe

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



9459A9



BA5EDB



A95996



524C54



6D0094



0F0014



# Previews

## White Background



This preview shows how the Hex color 6EA959 looks on a white background.

## Color Contrast Check

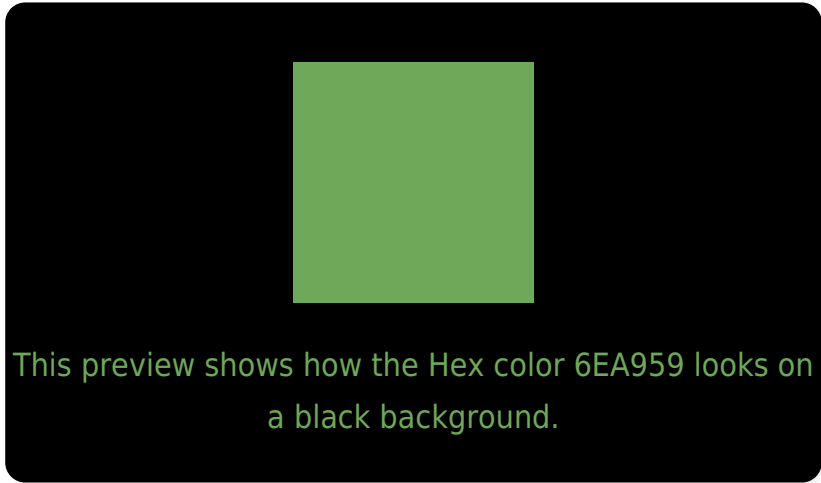
Large Text (above 18pt) WCAG AA × Fail

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 6EA959 Background



This preview shows how black text looks on a background with the Hex color 6EA959.

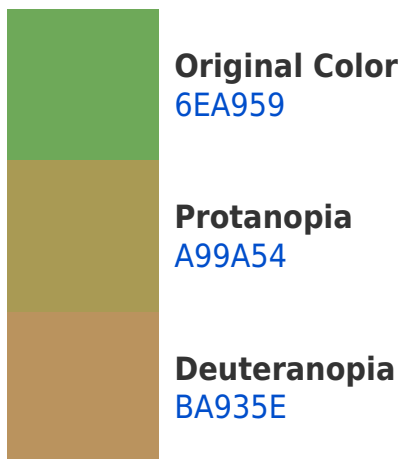


This preview shows how white text looks on a background with the Hex color 6EA959.

# Color Blindness Simulation

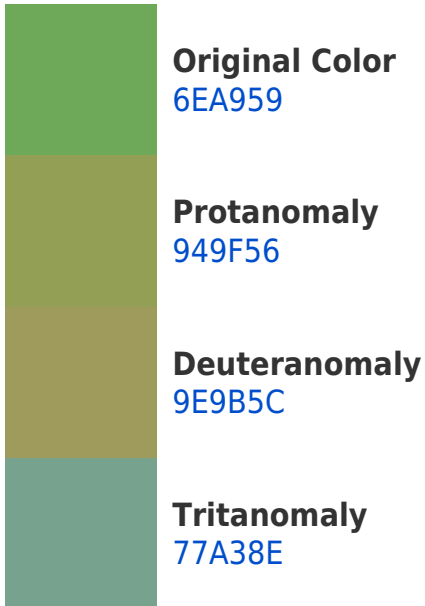
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EA959 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 #6EA959 looks like.

```
.text, #text, p{  
    color:#6EA959  
}
```

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 #6EA959 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EA959
}
```

## Border

The CSS property to change the border of an element to Hex 6EA959 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
#6EA959 }
```

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

```
.border{ border-color:#6EA959 }
```

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

Here you see how a box with a 4 pixel #6EA959 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EA959; -webkit-box-shadow:4px 4px  
4px 4px #6EA959; box-shadow:4px 4px 4px  
4px #6EA959 }
```

# Background

The CSS property to change the background color of an element to Hex 6EA959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EA959 }
```

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

```
.background{ background-color:#6EA959 }
```

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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