

# Converting Colors

Hex(618589)

Have a look what the booklet for  
Hex(618589) contains.

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# Color

**Hex(618589)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	618589
RGB	97, 133, 137
RGB Percent	38%, 52%, 54%
CMY	0.6196, 0.4784, 0.4627
CMYK	0.29, 0.03, 0.00, 0.46
HSL	186°, 17%, 46%
HSV	186°, 29%, 54%
XYZ	17.8327, 21.1226, 26.8041
YIQ	122.6920, -22.7400, -6.3880

# Conversions

## Conversions Part 2

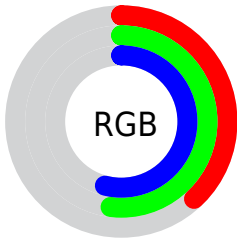
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 116, 137
Decimal	6391177
CIE <sub>Lab</sub>	53.08, -11.53, -6.24
CIE <sub>LCh</sub>	53, 13.112, 208.401
Yxy	21.1226, 0.2712, 0.3212
Android (android.graphics.Color)	4284581257 (0xFF618589)
YUV	122.6920, 7.0538, -22.5319
Hunter-Lab	45.9593, -11.1691, -2.4072

# Details

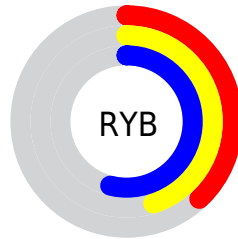
The Hex color **618589** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **896561**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **95BABE**, and **305357** is the 20% darker color. If you saturate the color by 10%, you get **538489**, and if you desaturate by 10%, it is **6F8689**.

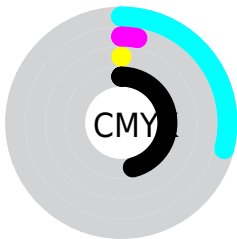
# Distribution



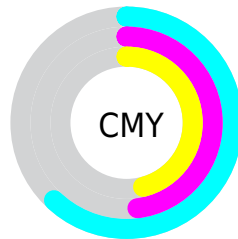
- Red (38%)
- Green (52%)
- Blue (54%)



- Red (38%)
- Yellow (45%)
- Blue (54%)



- Cyan (29%)
- Magenta (3%)
- Yellow (0%)
- Black (46%)



- Cyan (62%)
- Magenta (48%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 618589 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 618589 by changing the saturation by 10% instead.





618589



618589

FFFFFF



486C70



95BABE



305357



B0D6DA



183C40



CCF2F7



00262A



E8FFFF



001316



000000



618589



618589



538489



6F8689



468289



7C8889

■ 388189

■ 8A8989

■ 2A8089

■ 988A89

■ 1C7E89

■ A58C89

■ 0F7D89

■ B38D89

■ 017B89

■ C18F89

■ 007B89

■ CF9089

■ DC9189

# Harmonies

## Analogous

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



65857E



618589



668392

# Triad

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



618589



8D798B



887E68

# Complementary

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



618589



896561

# 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.



927A6C



618589



957780

# Square

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



618589



807C92



967875



7C816B

# Rectangle

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



618589



6D8194



967875



8C7C69



# Sweetspot

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



618589



A2B1B3



618965



4F5859



D9D9D9



595959



# Same Dimension

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



618589



74ACB3



617289



3E4445



007785



000505



# Inverse Universe

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



896185



B374AC



897961



453E44



850077



050005



# Previews

## White Background



This preview shows how the Hex color 618589 looks on a white background.

## Color Contrast Check

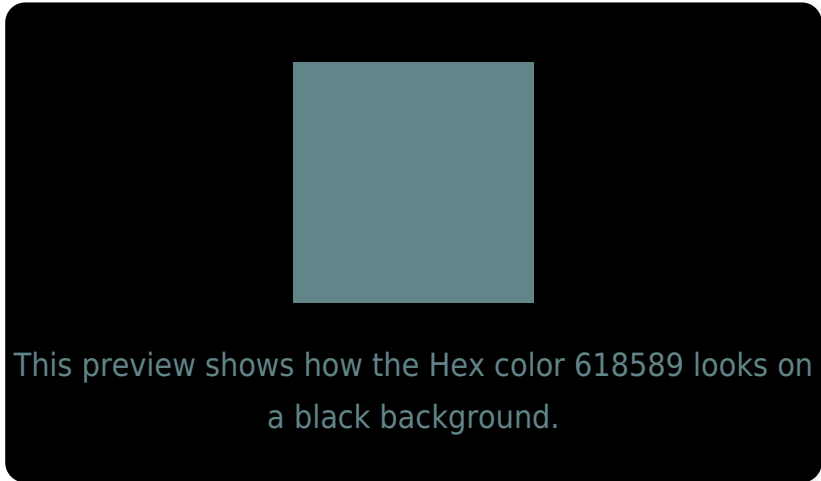
Large Text (above 18pt) WCAG AA ✓ Pass

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

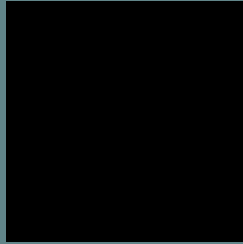
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 618589 Background



This preview shows how black text looks on a background with the Hex color 618589.

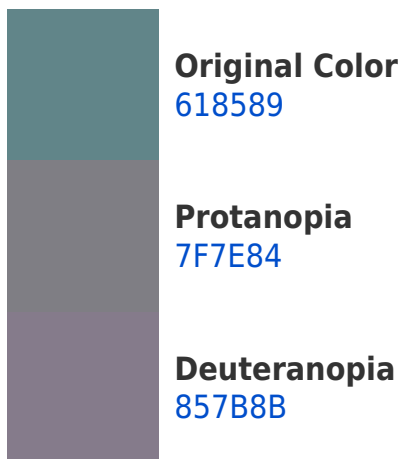



This preview shows how white text looks on a background with the Hex color 618589.

# 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](#).

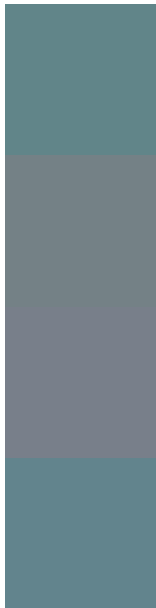
## Dichromacy





**Tritanopia**  
62848F

# Trichromacy



**Original Color**  
618589

**Protanomaly**  
748186

**Deuteranomaly**  
787F8A

**Tritanomaly**  
62848D

# Monochromacy



**Original Color**  
618589

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
727F80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 618589 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 #618589 looks like.

```
.text, #text, p{  
    color:#618589  
}
```

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 #618589 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #618589
}
```

## Border

The CSS property to change the border of an element to Hex 618589 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
#618589 }
```

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

```
.border{ border-color:#618589 }
```

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

Here you see how a box with a 4 pixel #618589 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #618589; -webkit-box-shadow:4px 4px  
4px 4px #618589; box-shadow:4px 4px 4px  
4px #618589 }
```

# Background

The CSS property to change the background color of an element to Hex 618589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#618589 }
```

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

```
.background{ background-color:#618589 }
```

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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