

# Converting Colors

Hex(60837F)

Have a look what the booklet for  
Hex(60837F) contains.

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# Color

**Hex(60837F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60837F
RGB	96, 131, 127
RGB Percent	38%, 51%, 50%
CMY	0.6235, 0.4863, 0.5020
CMYK	0.27, 0.00, 0.03, 0.49
HSL	173°, 15%, 45%
HSV	173°, 27%, 51%
XYZ	16.7709, 20.2517, 23.1037
YIQ	120.0790, -19.5760, -8.6640

# Conversions

## Conversions Part 2

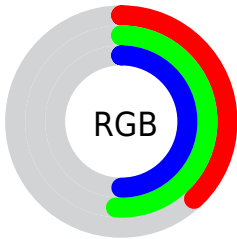
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 115, 131
Decimal	6325119
CIE <sub>Lab</sub>	52.12, -13.18, -1.84
CIE <sub>LCh</sub>	52, 13.309, 187.949
Yxy	20.2517, 0.2789, 0.3368
Android (android.graphics.Color)	4284515199 (0xFF60837F)
YUV	120.0790, 3.4121, -21.1173
Hunter-Lab	45.0019, -12.2314, 1.0622

# Details

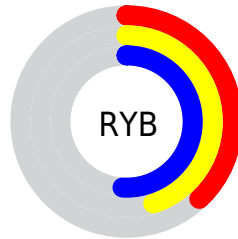
The Hex color **60837F** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **836064**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **93B8B4**, and **30524E** is the 20% darker color. If you saturate the color by 10%, you get **53837E**, and if you desaturate by 10%, it is **6D8380**.

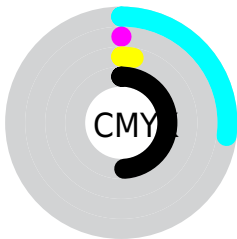
# Distribution



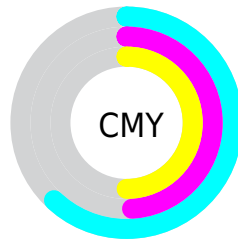
- Red (38%)
- Green (51%)
- Blue (50%)



- Red (38%)
- Yellow (45%)
- Blue (51%)



- Cyan (27%)
- Magenta (0%)
- Yellow (3%)
- Black (49%)



- Cyan (62%)
- Magenta (49%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60837F 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 60837F by changing the saturation by 10% instead.





60837F



60837F

FFFFFF



486A66



93B8B4



30524E



AED4CF



193A37



CAF0EB



022522



E6FFFF



000E0C



000000



60837F



60837F



53837E



6D8380



46837C



7A8382

39837B

878383

2C8379

948385

1F8378

A28386

118376

AF8388

048375

BC8389

008374

C9838B

D6838C

# Harmonies

## Analogous

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



698273



60837F



5F828A

# Triad

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



60837F



82788E



8D7968

# Complementary

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



60837F



836064

# 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.



93766F



60837F



8E7585

# Square

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



60837F



737C93



94747A



827C66

# Rectangle

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



60837F



63818F



94747A



907869



# Sweetspot

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



60837F



9DABA9



648360



4E5756



D6D6D6



575757



# Same Dimension

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



60837F



74ABA5



607683



3C4242



008273



000302



# Inverse Universe

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



836064



AB747A



836D60



423C3C



82000F



030000



# Previews

## White Background



This preview shows how the Hex color 60837F looks on a white background.

## Color Contrast Check

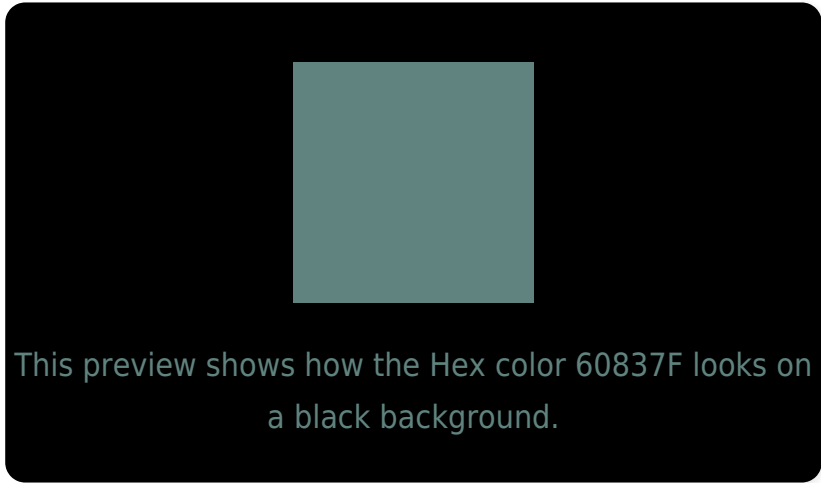
Large Text (above 18pt) WCAG AA ✓ Pass

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

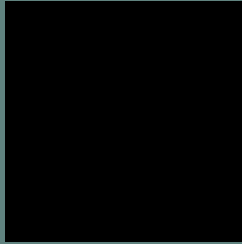
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 60837F Background



This preview shows how black text looks on a background with the Hex color 60837F.

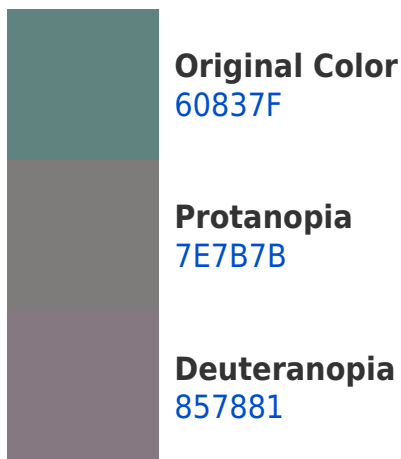


This preview shows how white text looks on a background with the Hex color 60837F.

# 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**  
63818B

# Trichromacy



**Original Color**  
60837F

**Protanomaly**  
737E7C

**Deuteranomaly**  
787C80

**Tritanomaly**  
628287

# Monochromacy



**Original Color**  
60837F

**Achromatopsia**  
787878

**Achromatomaly**  
6F7C7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60837F 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 #60837F looks like.

```
.text, #text, p{  
    color:#60837F  
}
```

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 #60837F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60837F
}
```

## Border

The CSS property to change the border of an element to Hex 60837F 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
#60837F }
```

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

```
.border{ border-color:#60837F }
```

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

Here you see how a box with a 4 pixel #60837F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60837F; -webkit-box-shadow:4px 4px  
4px 4px #60837F; box-shadow:4px 4px 4px  
4px #60837F }
```

# Background

The CSS property to change the background color of an element to Hex 60837F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60837F }
```

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

```
.background{ background-color:#60837F }
```

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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