

Converting Colors

Hex(59876E)

Have a look what the booklet for
Hex(59876E) contains.

Hex(59876E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(59876E)

Conversions

Conversions Part 1

Format	Color
Hex	59876E
RGB	89, 135, 110
RGB Percent	35%, 53%, 43%
CMY	0.6510, 0.4706, 0.5686
CMYK	0.34, 0.00, 0.19, 0.47
HSL	147°, 21%, 44%
HSV	147°, 34%, 53%
XYZ	15.5983, 20.5776, 17.9016
YIQ	118.3960, -19.3910, -17.5270

Conversions

Conversions Part 2

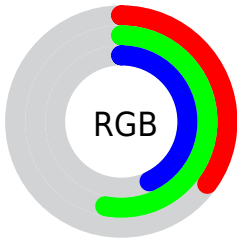
Format	Color
RYB	89, 121, 135
Decimal	5867374
CIELab	52.48, -21.44, 8.51
CIELCh	52, 23.070, 158.352
Yxy	20.5776, 0.2884, 0.3805
Android (android.graphics.Color)	4284057454 (0xFF59876E)
YUV	118.3960, -4.1392, -25.7803
Hunter-Lab	45.3625, -18.0057, 8.3559

Details

The Hex color **59876E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **875972**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **8CBCA2**, and **28553E** is the 20% darker color. If you saturate the color by 10%, you get **4C8767**, and if you desaturate by 10%, it is **678775**.

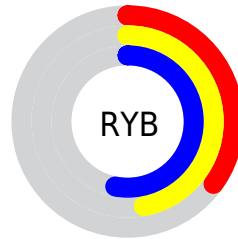
Distribution



Red (35%)

Green (53%)

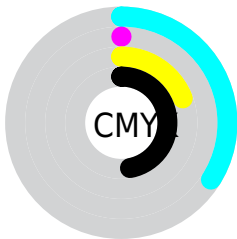
Blue (43%)



Red (35%)

Yellow (47%)

Blue (53%)

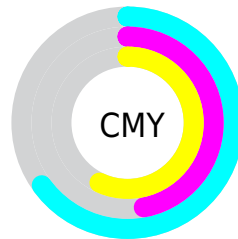


Cyan (34%)

Magenta (0%)

Yellow (19%)

Black (47%)



Cyan (65%)

Magenta (47%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59876E 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 59876E by changing the saturation by 10% instead.



59876E



59876E

FFFFFF



406E56



8CBCA2



28553E



A7D8BD



103D28



C3F5D8



002714



DFFFF5



001000



FCFFFF



000000



59876E



59876E



4C8767



678775



3E875F



74877D

■ 318758

■ 828784

■ 238751

■ 8F878B

■ 158749

■ 9C8793

■ 088742

■ AA879A

■ 00873E

■ B887A1

■ C587A9

■ D387B0

Harmonies

Analogous

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



70835E



59876E



458882

Triad

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



59876E



6C7DA4



A37166

Complementary

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



59876E



875972

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.



A46F78



59876E



87769C

Square

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



59876E



5083A1



9B718C



987759

Rectangle

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



59876E



3F888F



9B718C



A5706B

Sweetspot

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



59876E



9EB0A6



728759



4F5953



D9D9D9



595959

Same Dimension

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



59876E



68B089



598785



3C423F



00823B



000301

Inverse Universe

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



875972



B0688F



87595B



423C3F



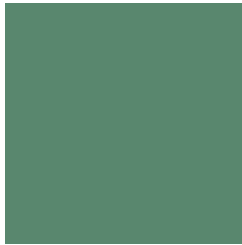
820047



030001

Previews

White Background



This preview shows how the Hex color 59876E looks on a white background.

Color Contrast Check

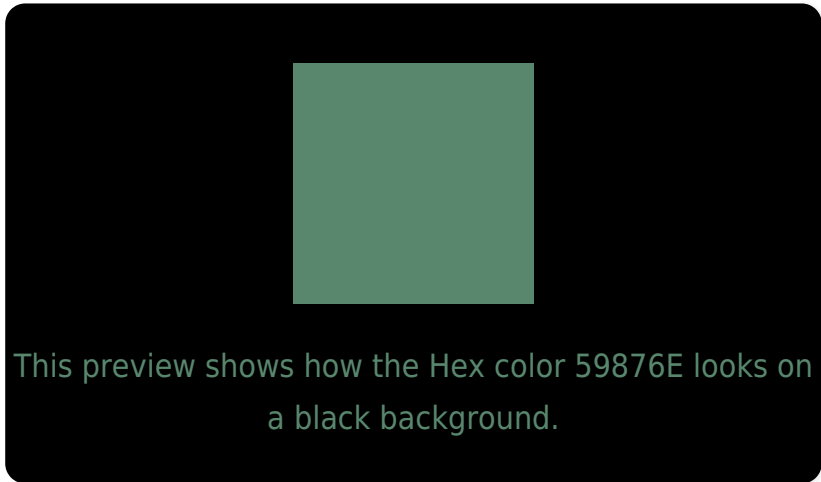
Large Text (above 18pt) WCAG AA ✓ Pass

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

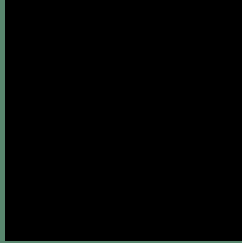
Any Text WCAG AA ✓ Pass

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 59876E Background



This preview shows how black text looks on a background with the Hex color 59876E.

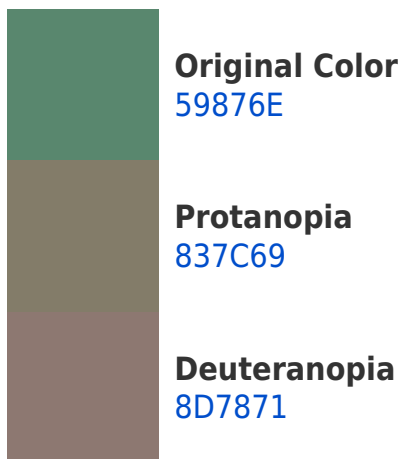



This preview shows how white text looks on a background with the Hex color 59876E.

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
60838D

Trichromacy



Original Color
59876E

Protanomaly
74806B

Deuteranomaly
7A7D70

Tritanomaly
5D8482

Monochromacy



Original Color
59876E

Achromatopsia
767676

Achromatomaly
6B7C73

CSS Examples

Text

The CSS property to change the color of the text to Hex 59876E 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 #59876E looks like.

```
.text, #text, p{  
    color:#59876E  
}
```

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 #59876E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59876E
}
```

Border

The CSS property to change the border of an element to Hex 59876E 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
#59876E }
```

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

```
.border{ border-color:#59876E }
```

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

Here you see how a box with a 4 pixel #59876E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59876E; -webkit-box-shadow:4px 4px  
4px 4px #59876E; box-shadow:4px 4px 4px  
4px #59876E }
```

Background

The CSS property to change the background color of an element to Hex 59876E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59876E }
```

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

```
.background{ background-color:#59876E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor