

Converting Colors

Hex(30687E)

Have a look what the booklet for
Hex(30687E) contains.

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Color

Hex(30687E)

Conversions

Conversions Part 1

Format	Color
Hex	30687E
RGB	48, 104, 126
RGB Percent	19%, 41%, 49%
CMY	0.8118, 0.5922, 0.5059
CMYK	0.62, 0.17, 0.00, 0.51
HSL	197°, 45%, 34%
HSV	197°, 62%, 49%
XYZ	9.9351, 12.0354, 21.5381
YIQ	89.7640, -40.4380, -5.0300

Conversions

Conversions Part 2

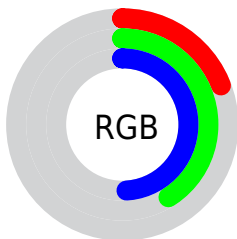
Format	Color
RYB	48, 81, 126
Decimal	3172478
CIELab	41.27, -11.33, -17.79
CIELCh	41, 21.090, 237.499
Yxy	12.0354, 0.2283, 0.2766
Android (android.graphics.Color)	4281362558 (0xFF30687E)
YUV	89.7640, 17.8643, -36.6270
Hunter-Lab	34.6920, -9.5920, -12.5250

Details

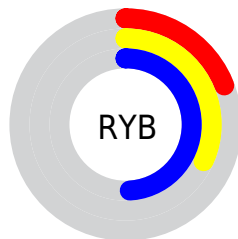
The Hex color **30687E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7E4630**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **669BB3**, and **00394D** is the 20% darker color. If you saturate the color by 10%, you get **23647E**, and if you desaturate by 10%, it is **3D6C7E**.

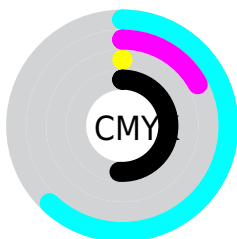
Distribution



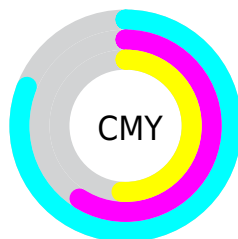
- Red (19%)
- Green (41%)
- Blue (49%)



- Red (19%)
- Yellow (32%)
- Blue (49%)



- Cyan (62%)
- Magenta (17%)
- Yellow (0%)
- Black (51%)



- Cyan (81%)
- Magenta (59%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30687E 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 30687E by changing the saturation by 10% instead.

■ 30687E

■ 30687E

FFFFFF

■ 105065

■ 669BB3

■ 00394D

■ 81B6CE

■ 002336

■ 9CD2EA

■ 000B21

■ B8EEFF

■ 000007

■ D5FFFF

■ 000000

■ F2FFFF

■ 30687E

■ 30687E

■ 23647E

■ 3D6C7E

■ 17617E

■ 496F7E

■ 0A5D7E

■ 56737E

■ 005A7E

■ 62767E

■ 6F7A7E

■ 7C7D7E

■ 88817E

■ 95847E

■ A1887E

Harmonies

Analogous

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



286A71



30687E



486384

Triad

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



30687E



825463



5D6542

Complementary

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



30687E



7E4630

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.



6F603F



30687E



835552

Square

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



30687E



765874



7C5A45



49694E

Rectangle

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



30687E



595F82



7C5A45



636340

Sweetspot

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



30687E



849AA3



307E45



3F4C52



D1D1D1



525252

Same Dimension

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



30687E



2A81A3



30427E



393E40



005C80



000000

Inverse Universe

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



7E3068



A32A81



7E6C30



40393E



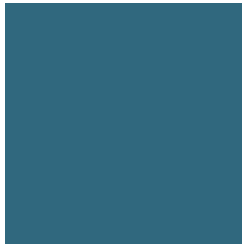
80005C



000000

Previews

White Background



This preview shows how the Hex color 30687E looks on a white background.

Color Contrast Check

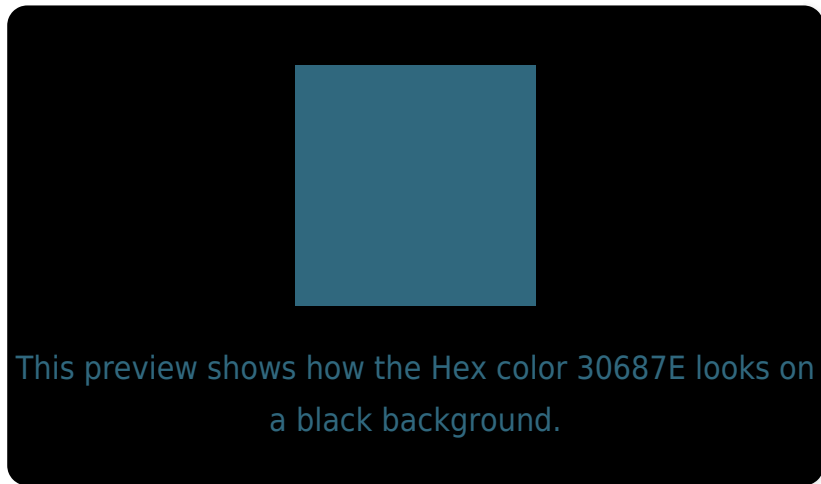
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

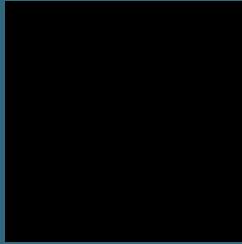
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 30687E Background



This preview shows how black text looks on a background with the Hex color 30687E.

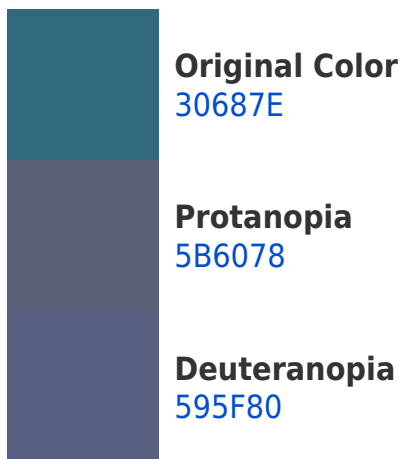



This preview shows how white text looks on a background with the Hex color 30687E.

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](#).

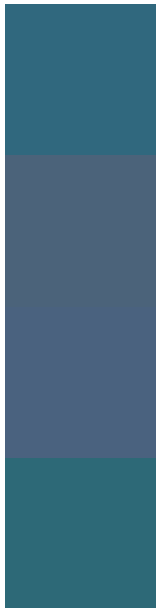
Dichromacy





Tritanopia
2B6A73

Trichromacy



Original Color
30687E

Protanomaly
4B637A

Deuteranomaly
4A627F

Tritanomaly
2D6977

Monochromacy



Original Color
30687E

Achromatopsia
5A5A5A

Achromatomaly
4B5F67

CSS Examples

Text

The CSS property to change the color of the text to Hex 30687E 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 #30687E looks like.

```
.text, #text, p{  
    color:#30687E  
}
```

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 #30687E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30687E
}
```

Border

The CSS property to change the border of an element to Hex 30687E is called "border". The border property can be set on classes, ids or directly on the HTML element.

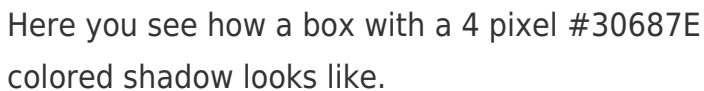
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#30687E }
```

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

```
.border{ border-color:#30687E }
```

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



Here you see how a box with a 4 pixel #30687E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30687E; -webkit-box-shadow:4px 4px  
4px 4px #30687E; box-shadow:4px 4px 4px  
4px #30687E }
```

Background

The CSS property to change the background color of an element to Hex 30687E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30687E }
```

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

```
.background{ background-color:#30687E }
```

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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