

Converting Colors

Hex(36677E)

Have a look what the booklet for
Hex(36677E) contains.

Hex(36677E)	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(36677E)

Conversions

Conversions Part 1

Format	Color
Hex	36677E
RGB	54, 103, 126
RGB Percent	21%, 40%, 49%
CMY	0.7882, 0.5961, 0.5059
CMYK	0.57, 0.18, 0.00, 0.51
HSL	199°, 40%, 35%
HSV	199°, 57%, 49%
XYZ	10.1375, 11.9911, 21.5189
YIQ	90.9710, -36.5870, -3.2350

Conversions

Conversions Part 2

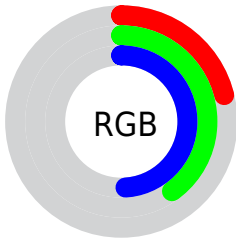
Format	Color
R_{YB}	54, 83, 126
Decimal	3565438
CIE _{Lab}	41.20, -9.44, -17.87
CIE _{LCh}	41, 20.214, 242.156
Y _{xy}	11.9911, 0.2323, 0.2747
Android (android.graphics.Color)	4281755518 (0xFF36677E)
YUV	90.9710, 17.2693, -32.4236
Hunter-Lab	34.6282, -8.3432, -12.6046




Details

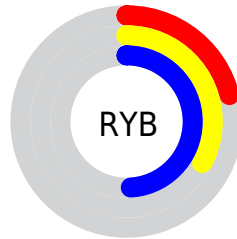
The Hex color **36677E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7E4D36**, and the grayscale version is **5B5B5B**.




A 20% lighter version of the original color is **6B9AB3**, and **00384D** is the 20% darker color. If you saturate the color by 10%, you get **29637E**, and if you desaturate by 10%, it is **436B7E**.

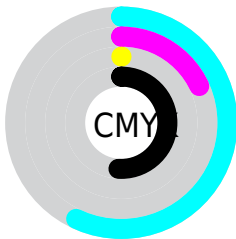
Distribution







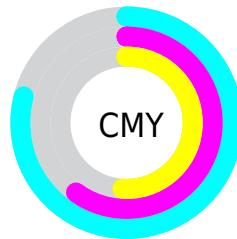
-  Red (21%)
-  Green (40%)
-  Blue (49%)






-  Red (21%)
-  Yellow (33%)
-  Blue (49%)



-  Cyan (57%)
-  Magenta (18%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (79%)
-  Magenta (60%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36677E 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 36677E by changing the saturation by 10% instead.

■ 36677E

■ 36677E

FFFFFF

■ 1A4F65

■ 6B9AB3

■ 00384D

■ 85B5CE

■ 002336

■ A1D0EB

■ 000A21

■ BDEDFF

■ 000007

■ D9FFFF

■ 000000

■ F6FFFF

■ 36677E

■ 36677E

■ 29637E

■ 436B7E

■ 1D5F7E

■ 4F6F7E

■ 105B7E

■ 5C737E

■ 04577E

■ 68777E

■ 00567E

■ 757B7E

■ 827F7E

■ 8E837E

■ 9B877E

■ A78B7E

Harmonies

Analogous

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



2B6A72



36677E



4D6282

Triad

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



36677E



815561



5A6545

Complementary

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



36677E



7E4D36

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.



6C6040



36677E



815650

Square

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



36677E



775771



7A5B44



476951

Rectangle

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



36677E



5D5E80



7A5B44



606442

Sweetspot

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



36677E



879AA3



367E4D



414C52



D1D1D1



525252

Same Dimension

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



36677E



337FA3



36437E



393E40



005780



000000

Inverse Universe

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



7E3667



A3337F



7E7136



40393E



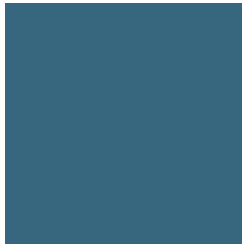
800057



000000

Previews

White Background



This preview shows how the Hex color 36677E looks on a white background.

Color Contrast Check

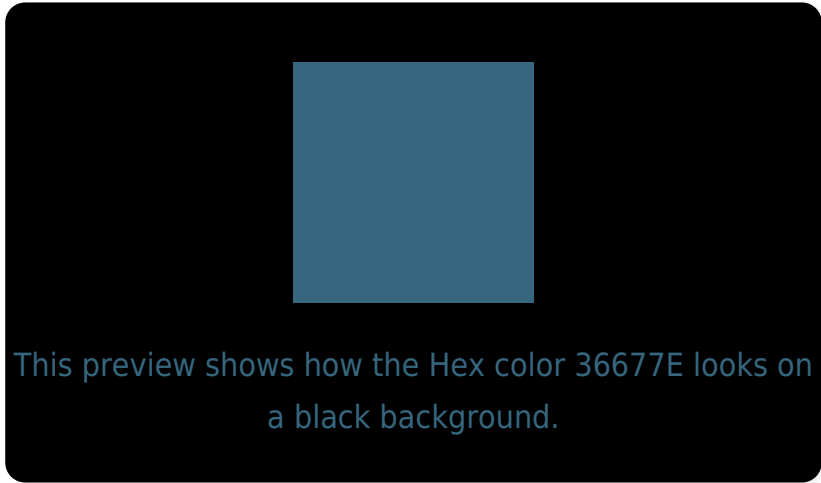
Large Text (above 18pt) WCAG AA ✓ Pass

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

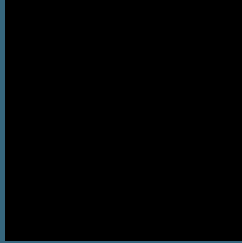
Any Text WCAG AA × Fail

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 36677E Background



This preview shows how black text looks on a background with the Hex color 36677E.

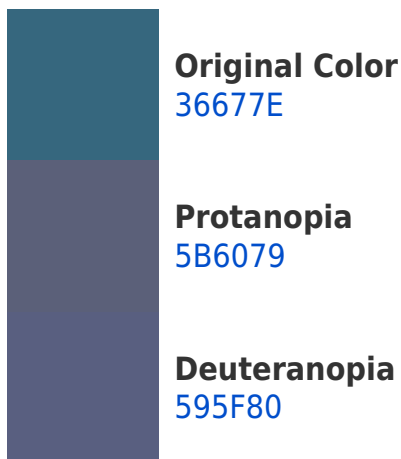



This preview shows how white text looks on a background with the Hex color 36677E.

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](#).

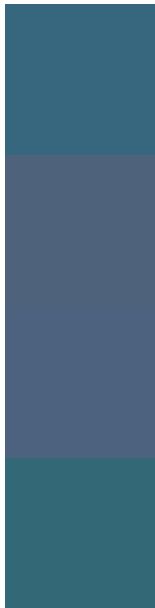
Dichromacy





Tritanopia
316972

Trichromacy



Original Color
36677E

Protanomaly
4E637B

Deuteranomaly
4C627F

Tritanomaly
336876

Monochromacy



Original Color
36677E

Achromatopsia
5B5B5B

Achromatomaly
4E5F68

CSS Examples

Text

The CSS property to change the color of the text to Hex 36677E 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 #36677E looks like.

```
.text, #text, p{  
    color:#36677E  
}
```

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 #36677E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36677E
}
```

Border

The CSS property to change the border of an element to Hex 36677E 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
#36677E }
```

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

```
.border{ border-color:#36677E }
```

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

Here you see how a box with a 4 pixel #36677E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36677E; -webkit-box-shadow:4px 4px  
4px 4px #36677E; box-shadow:4px 4px 4px  
4px #36677E }
```

Background

The CSS property to change the background color of an element to Hex 36677E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36677E }
```

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

```
.background{ background-color:#36677E }
```

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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