

Converting Colors

Hex(60677A)

Have a look what the booklet for
Hex(60677A) contains.

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Color

Hex(60677A)

Conversions

Conversions Part 1

Format	Color
Hex	60677A
RGB	96, 103, 122
RGB Percent	38%, 40%, 48%
CMY	0.6235, 0.5961, 0.5216
CMYK	0.21, 0.16, 0.00, 0.52
HSL	224°, 12%, 43%
HSV	224°, 21%, 48%
XYZ	13.1870, 13.5924, 20.3409
YIQ	103.0730, -10.2710, 4.4250

Conversions

Conversions Part 2

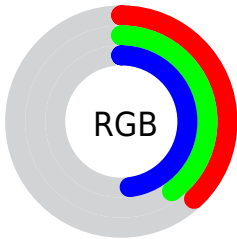
Format	Color
R_{YB}	96, 102, 122
Decimal	6317946
CIE Lab	43.64, 1.76, -11.50
CIE LCh	44, 11.634, 278.721
Yxy	13.5924, 0.2799, 0.2885
Android (android.graphics.Color)	4284508026 (0xFF60677A)
YUV	103.0730, 9.3310, -6.2030
Hunter-Lab	36.8679, -0.6727, -6.9042

Details

The Hex color **60677A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A7360**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **939AAE**, and **313849** is the 20% darker color. If you saturate the color by 10%, you get **545E7A**, and if you desaturate by 10%, it is **6C707A**.

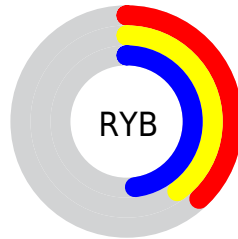
Distribution



Red (38%)

Green (40%)

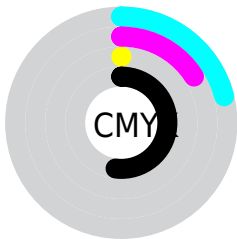
Blue (48%)



Red (38%)

Yellow (40%)

Blue (48%)

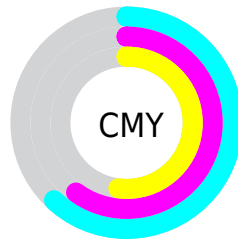


Cyan (21%)

Magenta (16%)

Yellow (0%)

Black (52%)



Cyan (62%)

Magenta (60%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60677A 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 60677A by changing the saturation by 10% instead.

■ 60677A

■ 60677A

FFFFFF

■ 484F61

■ 939AAE

■ 313849

■ AEB5CA

■ 1B2333

■ C9D0E6

■ 040D1E

■ E5EDFF

■ 000001

■ 000000

■ 60677A

■ 60677A

■ 545E7A

■ 6C707A

■ 48557A

■ 78797A

■ 3B4C7A

■ 85827A

■ 2F437A

■ 918B7A

■ 233A7A

■ 9D947A

■ 17327A

■ A99C7A

■ 0B297A

■ B5A57A

■ 00217A

■ C2AE7A

■ CEB77A

Harmonies

Analogous

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



556A79



60677A



6C6476

Triad

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



60677A



7B625B



566C60

Complementary

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



60677A



7A7360

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.



616A58



60677A



756455

Square

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



60677A



7B6065



6C6754



4F6D6A

Rectangle

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



60677A



736271



6C6754



5A6C5D

Sweetspot

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



60677A



95979E



607A73



4A4B4F



CFCFCF



4F4F4F

Same Dimension

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



60677A



75809E



66607A



37393D



00227D



0044FC

Inverse Universe

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



7A6067



9E7580



747A60



3D3739



7D0022



FC0044

Previews

White Background



This preview shows how the Hex color 60677A looks on a white background.

Color Contrast Check

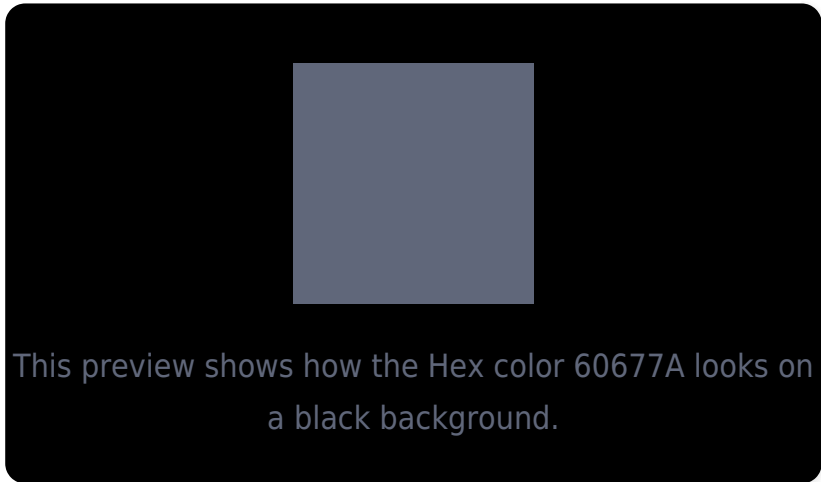
Large Text (above 18pt) WCAG AA ✓ Pass

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

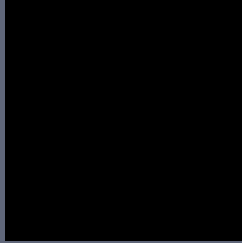
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

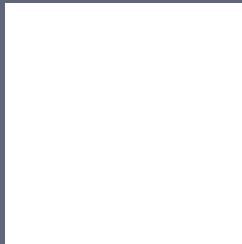
Any Text WCAG AAA × Fail

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

Hex 60677A Background



This preview shows how black text looks on a background with the Hex color 60677A.

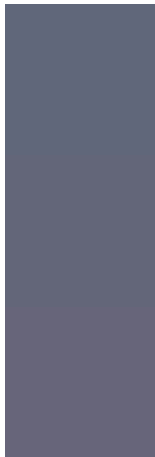


This preview shows how white text looks on a background with the Hex color 60677A.

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](#).

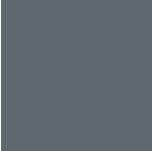
Dichromacy



Original Color
60677A

Protanopia
636679

Deuteranopia
67657A



Tritanopia
5E6971

Trichromacy



Original Color
60677A

Protanomaly
626679

Deuteranomaly
64667A

Tritanomaly
5F6874

Monochromacy



Original Color
60677A

Achromatopsia
676767

Achromatomaly
64676E

CSS Examples

Text

The CSS property to change the color of the text to Hex 60677A 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 #60677A looks like.

```
.text, #text, p{  
    color:#60677A  
}
```

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 #60677A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60677A
}
```

Border

The CSS property to change the border of an element to Hex 60677A 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
#60677A }
```

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

```
.border{ border-color:#60677A }
```

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

Here you see how a box with a 4 pixel #60677A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60677A; -webkit-box-shadow:4px 4px  
4px 4px #60677A; box-shadow:4px 4px 4px  
4px #60677A }
```

Background

The CSS property to change the background color of an element to Hex 60677A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60677A }
```

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

```
.background{ background-color:#60677A }
```

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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