

Converting Colors

Hex(30597A)

Have a look what the booklet for
Hex(30597A) contains.

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Color

Hex(30597A)

Conversions

Conversions Part 1

Format	Color
Hex	30597A
RGB	48, 89, 122
RGB Percent	19%, 35%, 48%
CMY	0.8118, 0.6510, 0.5216
CMYK	0.61, 0.27, 0.00, 0.52
HSL	207°, 44%, 33%
HSV	207°, 61%, 48%
XYZ	8.3042, 9.1783, 19.7463
YIQ	80.5030, -35.0290, 1.5710

Conversions

Conversions Part 2

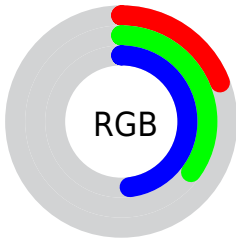
Format	Color
RYB	48, 74, 122
Decimal	3168634
CIELab	36.33, -3.67, -22.99
CIELCh	36, 23.282, 260.918
Yxy	9.1783, 0.2231, 0.2465
Android (android.graphics.Color)	4281358714 (0xFF30597A)
YUV	80.5030, 20.4580, -28.5051
Hunter-Lab	30.2957, -4.0899, -17.4374




Details

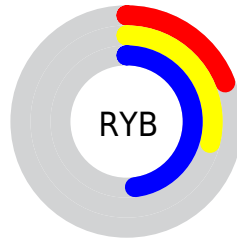
The Hex color **30597A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7A5130**, and the grayscale version is **505050**.




A 20% lighter version of the original color is **658BAF**, and **002C49** is the 20% darker color. If you saturate the color by 10%, you get **24547A**, and if you desaturate by 10%, it is **3C5E7A**.

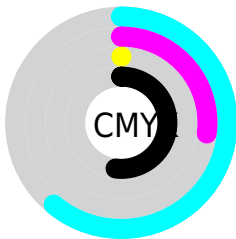
Distribution







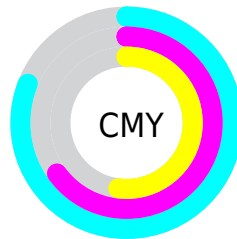
-  Red (19%)
-  Green (35%)
-  Blue (48%)






-  Red (19%)
-  Yellow (29%)
-  Blue (48%)



-  Cyan (61%)
-  Magenta (27%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (81%)
-  Magenta (65%)
-  Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30597A 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 30597A by changing the saturation by 10% instead.



30597A



30597A

FFFFFF



124261



658BAF



002C49



7FA5CA



001832



9AC0E6



00021D



B6DCFF



000000



D2F9FF



FFFFFF



30597A



30597A



24547A



3C5E7A

■ 184E7A

■ 48647A

■ 0B497A

■ 55697A

■ 00447A

■ 616F7A

■ 6D747A

■ 797A7A

■ 857F7A

■ 92857A

■ 9E8A7A

Harmonies

Analogous

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



0C5D72



30597A



4F5378

Triad

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



30597A



7A4749



3F5D3D

Complementary

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



30597A



7A5130

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.



545832



30597A



744C39

Square

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



30597A



76475C



675230



265F4F

Rectangle

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



30597A



604E72



675230



465C39

Sweetspot

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



30597A



82919E



307A50



3E474F



CFCFCF



4F4F4F

Same Dimension

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



30597A



2B6B9E



30357A



373A3D



00457D



008CFC

Inverse Universe

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



7A3059



9E2B6B



7A7530



3D373A



7D0045



FC008C

Previews

White Background



This preview shows how the Hex color 30597A looks on a white background.

Color Contrast Check

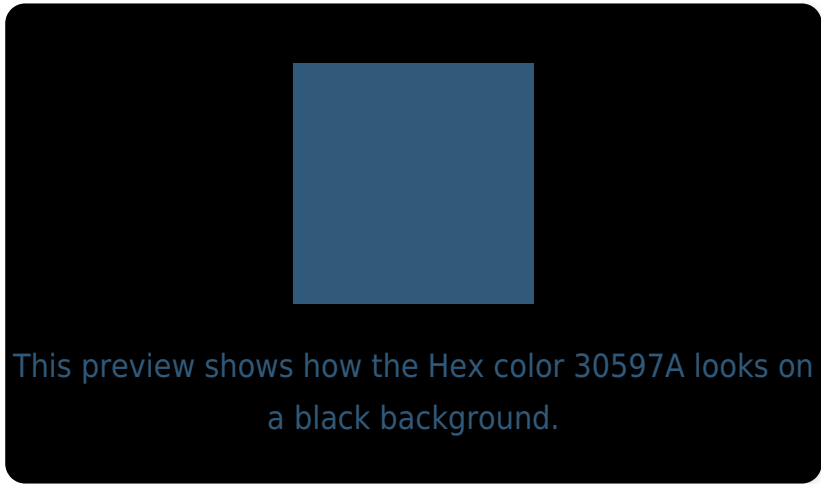
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

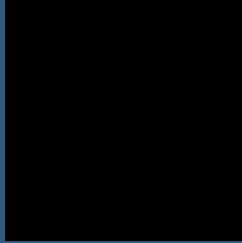
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

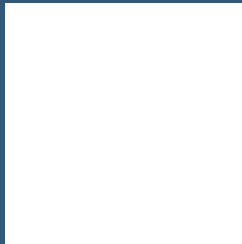
Any Text WCAG AAA × Fail

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

Hex 30597A Background



This preview shows how black text looks on a background with the Hex color 30597A.

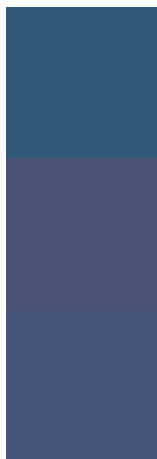


This preview shows how white text looks on a background with the Hex color 30597A.

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
30597A

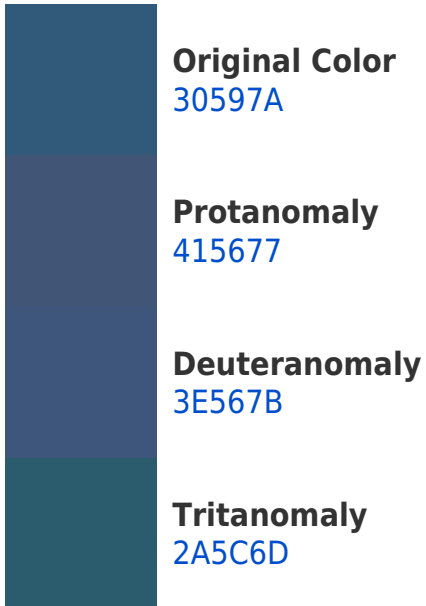
Protanopia
4B5476

Deuteranopia
46547B

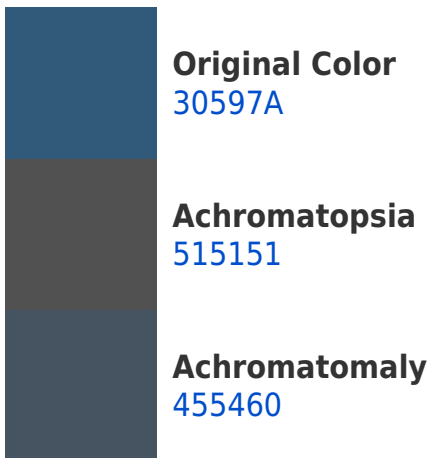


Tritanopia
265D65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 30597A 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 #30597A looks like.

```
.text, #text, p{  
    color:#30597A  
}
```

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 #30597A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30597A
}
```

Border

The CSS property to change the border of an element to Hex 30597A 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
#30597A }
```

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

```
.border{ border-color:#30597A }
```

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

Here you see how a box with a 4 pixel #30597A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30597A; -webkit-box-shadow:4px 4px  
4px 4px #30597A; box-shadow:4px 4px 4px  
4px #30597A }
```

Background

The CSS property to change the background color of an element to Hex 30597A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30597A }
```

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

```
.background{ background-color:#30597A }
```

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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