

Converting Colors

Hex(3E597A)

Have a look what the booklet for
Hex(3E597A) contains.

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Color

Hex(3E597A)

Conversions

Conversions Part 1

Format	Color
Hex	3E597A
RGB	62, 89, 122
RGB Percent	24%, 35%, 48%
CMY	0.7569, 0.6510, 0.5216
CMYK	0.49, 0.27, 0.00, 0.52
HSL	213°, 33%, 36%
HSV	213°, 49%, 48%
XYZ	9.0718, 9.5740, 19.7822
YIQ	84.6890, -26.6850, 4.5390

Conversions

Conversions Part 2

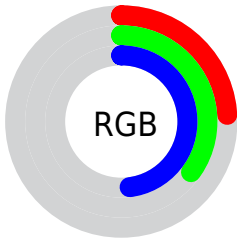
Format	Color
R _{YB}	62, 81, 122
Decimal	4086138
CIE _{Lab}	37.07, -0.23, -21.78
CIE _{LCh}	37, 21.782, 269.382
Y _{xy}	9.5740, 0.2361, 0.2491
Android (android.graphics.Color)	4282276218 (0xFF3E597A)
Y _{UV}	84.6890, 18.3943, -19.8983
Hunter-Lab	30.9419, -1.8141, -16.2467

Details

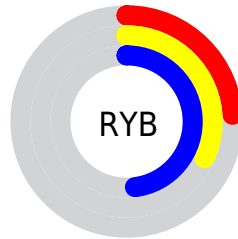
The Hex color **3E597A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7A5F3E**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **718BAF**, and **072C49** is the 20% darker color. If you saturate the color by 10%, you get **32527A**, and if you desaturate by 10%, it is **4A607A**.

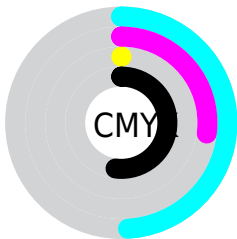
Distribution



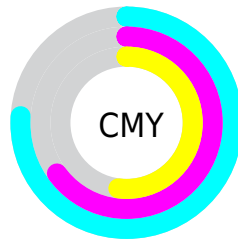
- Red (24%)
- Green (35%)
- Blue (48%)



- Red (24%)
- Yellow (32%)
- Blue (48%)



- Cyan (49%)
- Magenta (27%)
- Yellow (0%)
- Black (52%)



- Cyan (76%)
- Magenta (65%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E597A 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 3E597A by changing the saturation by 10% instead.

■ 3E597A

■ 3E597A

FFFFFF

■ 254261

■ 718BAF

■ 072C49

■ 8BA5CA

■ 001732

■ A6C0E6

■ 00021D

■ C2DCFF

■ 000000

■ DEF9FF

■ FBFFFF

■ 3E597A

■ 3E597A

■ 32527A

■ 4A607A

■ 264C7A

■ 56667A

■ 19457A

■ 636D7A

■ 0D3E7A

■ 6F747A

■ 01377A

■ 7B7B7A

■ 00377A

■ 87817A

■ 93887A

■ A08F7A

■ AC957A

Harmonies

Analogous

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



225E75



3E597A



595376

Triad

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



3E597A



794B47



3C5F45

Complementary

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



3E597A



7A5F3E

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.



515B38



3E597A



71503A

Square

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



3E597A



784A58



635634



266156

Rectangle

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



3E597A



674F6E



635634



435E40

Sweetspot

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



3E597A



86919E



3E7A5F



41474F



CFCFCF



4F4F4F

Same Dimension

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



3E597A



416B9E



413E7A



373A3D



00387D



0072FC

Inverse Universe

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



7A3E59



9E416B



777A3E



3D373A



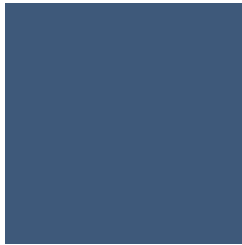
7D0038



FC0072

Previews

White Background



This preview shows how the Hex color 3E597A looks on a white background.

Color Contrast Check

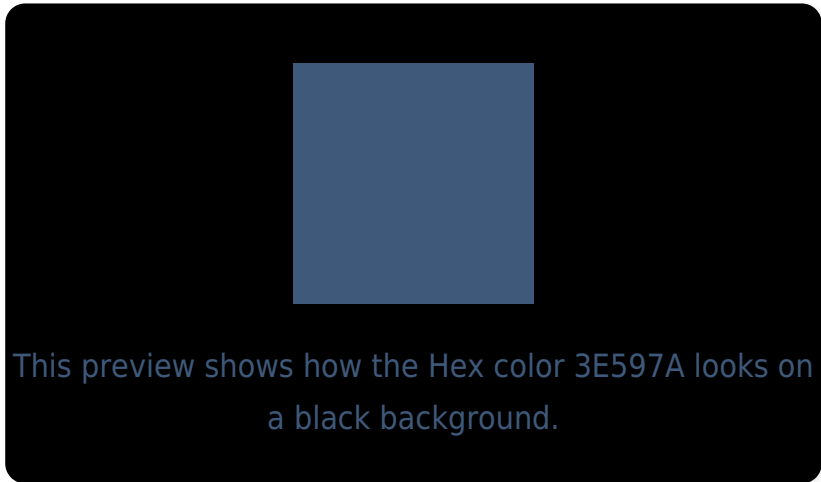
Large Text (above 18pt) WCAG AA ✓ Pass

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 3E597A Background



This preview shows how black text looks on a background with the Hex color 3E597A.

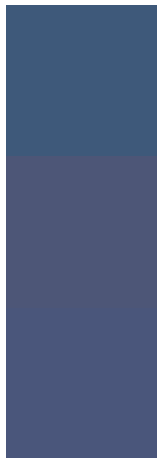


This preview shows how white text looks on a background with the Hex color 3E597A.

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
3E597A

Protanopia
4D5677

Deuteranopia
4A567B



Tritanopia
375D65

Trichromacy



Original Color
3E597A

Protanomaly
485778

Deuteranomaly
46577B

Tritanomaly
3A5C6D

Monochromacy



Original Color
3E597A

Achromatopsia
555555

Achromatomaly
4D5662

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E597A 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 #3E597A looks like.

```
.text, #text, p{  
    color:#3E597A  
}
```

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 #3E597A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E597A
}
```

Border

The CSS property to change the border of an element to Hex 3E597A 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
#3E597A }
```

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

```
.border{ border-color:#3E597A }
```

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

Here you see how a box with a 4 pixel #3E597A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E597A; -webkit-box-shadow:4px 4px  
4px 4px #3E597A; box-shadow:4px 4px 4px  
4px #3E597A }
```

Background

The CSS property to change the background color of an element to Hex 3E597A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E597A }
```

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

```
.background{ background-color:#3E597A }
```

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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