

Converting Colors

Hex(3E5D79)

Have a look what the booklet for
Hex(3E5D79) contains.

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Color

Hex(3E5D79)

Conversions

Conversions Part 1

Format	Color
Hex	3E5D79
RGB	62, 93, 121
RGB Percent	24%, 36%, 47%
CMY	0.7569, 0.6353, 0.5255
CMYK	0.49, 0.23, 0.00, 0.53
HSL	208°, 32%, 36%
HSV	208°, 49%, 47%
XYZ	9.3521, 10.2333, 19.5715
YIQ	86.9230, -27.4640, 2.1360

Conversions

Conversions Part 2

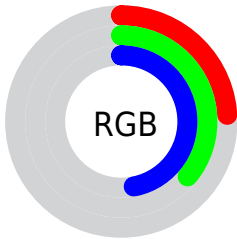
Format	Color
RYB	62, 82, 121
Decimal	4087161
CIELab	38.26, -3.04, -19.32
CIELCh	38, 19.561, 261.061
Yxy	10.2333, 0.2388, 0.2613
Android (android.graphics.Color)	4282277241 (0xFF3E5D79)
YUV	86.9230, 16.8000, -21.8575
Hunter-Lab	31.9895, -3.7972, -13.8814

Details

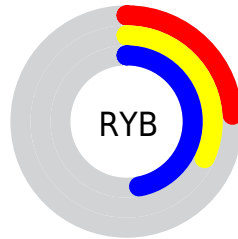
The Hex color **3E5D79** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **795A3E**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **718FAD**, and **072F48** is the 20% darker color. If you saturate the color by 10%, you get **325779**, and if you desaturate by 10%, it is **4A6379**.

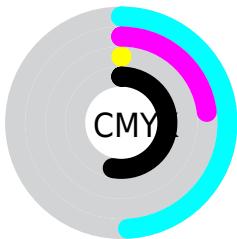
Distribution



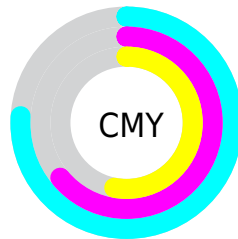
- Red (24%)
- Green (36%)
- Blue (47%)



- Red (24%)
- Yellow (32%)
- Blue (47%)



- Cyan (49%)
- Magenta (23%)
- Yellow (0%)
- Black (53%)



- Cyan (76%)
- Magenta (64%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E5D79 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 3E5D79 by changing the saturation by 10% instead.

■ 3E5D79

■ 3E5D79

FFFFFF

■ 254660

■ 718FAD

■ 072F48

■ 8BAAC9

■ 001B32

■ A6C5E5

■ 00021D

■ C2E1FF

■ 000000

■ DEFDFD

■ FBFFFF

■ 3E5D79

■ 3E5D79

■ 325779

■ 4A6379

■ 265279

■ 566879

■ 1A4C79

■ 626E79

■ 0E4679

■ 6E7479

■ 024079

■ 7A7A79

■ 004079

■ 877F79

■ 938579

■ 9F8B79

■ AB9179

Harmonies

Analogous

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



2A6172



3E5D79



565877

Triad

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



3E5D79



7A4F4F



476046

Complementary

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



3E5D79



795A3E

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.



5A5D3C



3E5D79



755242

Square

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



3E5D79



764F5F



69573B



356255

Rectangle

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



3E5D79



645472



69573B



4E5F42

Sweetspot

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



3E5D79



86939E



3E795A



41484F



CFCFCF



4F4F4F

Same Dimension

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



3E5D79



41729E



3E4079



373A3D



00427D



0085FC

Inverse Universe

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



793E5D



9E4172



79773E



3D373A



7D0042



FC0085

Previews

White Background



This preview shows how the Hex color 3E5D79 looks on a white background.

Color Contrast Check

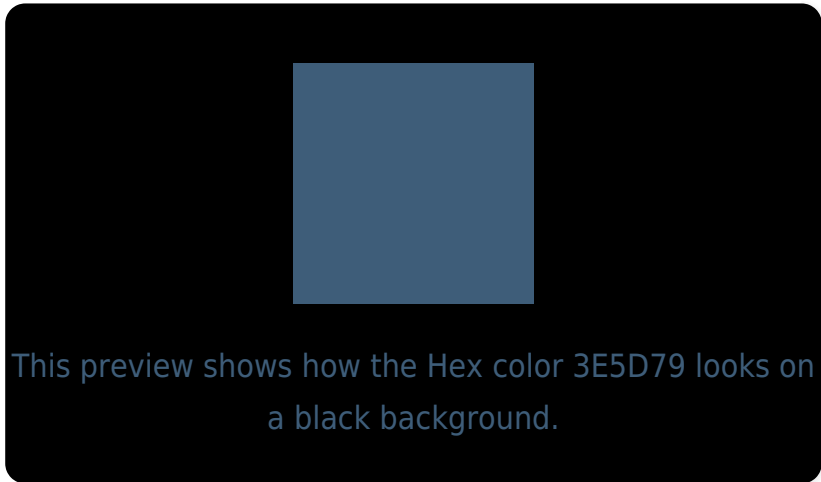
Large Text (above 18pt) WCAG AA ✓ Pass

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

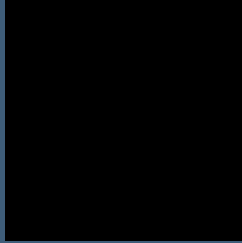
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

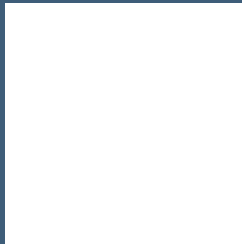
Any Text WCAG AAA × Fail

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

Hex 3E5D79 Background



This preview shows how black text looks on a background with the Hex color 3E5D79.

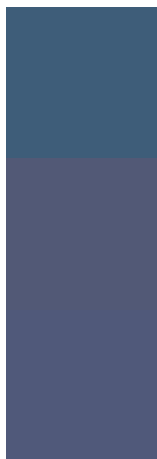


This preview shows how white text looks on a background with the Hex color 3E5D79.

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
3E5D79

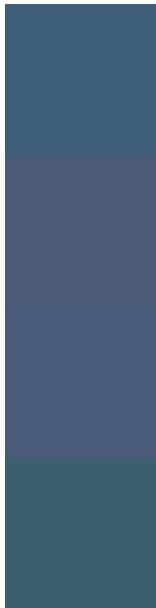
Protanopia
525976

Deuteranopia
50597A



Tritanopia
396068

Trichromacy



Original Color
3E5D79

Protanomaly
4B5A77

Deuteranomaly
495A7A

Tritanomaly
3B5F6E

Monochromacy



Original Color
3E5D79

Achromatopsia
575757

Achromatomaly
4E5963

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E5D79 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 #3E5D79 looks like.

```
.text, #text, p{  
    color:#3E5D79  
}
```

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 #3E5D79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E5D79
}
```

Border

The CSS property to change the border of an element to Hex 3E5D79 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
#3E5D79 }
```

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

```
.border{ border-color:#3E5D79 }
```

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

Here you see how a box with a 4 pixel #3E5D79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E5D79; -webkit-box-shadow:4px 4px  
4px 4px #3E5D79; box-shadow:4px 4px 4px  
4px #3E5D79 }
```

Background

The CSS property to change the background color of an element to Hex 3E5D79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E5D79 }
```

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

```
.background{ background-color:#3E5D79 }
```

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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