

Converting Colors

Hex(3E6375)

Have a look what the booklet for
Hex(3E6375) contains.

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Color

Hex(3E6375)

Conversions

Conversions Part 1

Format	Color
Hex	3E6375
RGB	62, 99, 117
RGB Percent	24%, 39%, 46%
CMY	0.7569, 0.6118, 0.5412
CMYK	0.47, 0.15, 0.00, 0.54
HSL	200°, 31%, 35%
HSV	200°, 47%, 46%
XYZ	9.6593, 11.2322, 18.4885
YIQ	89.9890, -27.8300, -2.2460

Conversions

Conversions Part 2

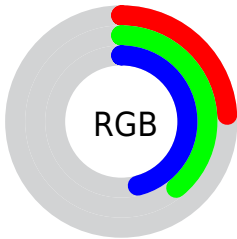
Format	Color
R _{YB}	62, 84, 117
Decimal	4088693
CIE _{Lab}	39.97, -7.91, -14.25
CIE _{LCh}	40, 16.302, 240.959
Y _{xy}	11.2322, 0.2453, 0.2852
Android (android.graphics.Color)	4282278773 (0xFF3E6375)
Y _{UV}	89.9890, 13.3164, -24.5464
Hunter-Lab	33.5144, -7.2040, -9.2478

Details

The Hex color **3E6375** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **75503E**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **7196A9**, and **083445** is the 20% darker color. If you saturate the color by 10%, you get **325F75**, and if you desaturate by 10%, it is **4A6775**.

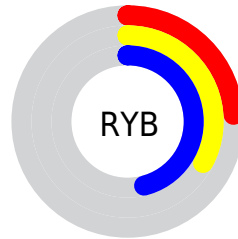
Distribution



Red (24%)

Green (39%)

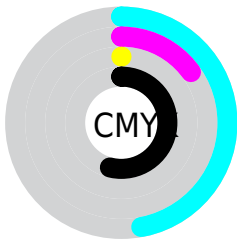
Blue (46%)



Red (24%)

Yellow (33%)

Blue (46%)

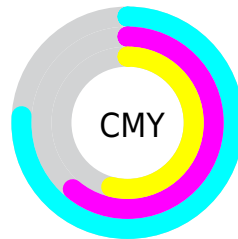


Cyan (47%)

Magenta (15%)

Yellow (0%)

Black (54%)



Cyan (76%)

Magenta (61%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E6375 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 3E6375 by changing the saturation by 10% instead.

■ 3E6375

■ 3E6375

FFFFFF

■ 254B5C

■ 7196A9

■ 083445

■ 8BB0C4

■ 001F2E

■ A6CCE0

■ 00011A

■ C2E8FD

■ 000000

■ DEFFFF

■ FBFFFF

■ 3E6375

■ 3E6375

■ 325F75

■ 4A6775

■ 275B75

■ 556B75

■ 1B5875

■ 616E75

■ 0F5475

■ 6D7275

■ 045075

■ 797675

■ 004F75

■ 847A75

■ 907E75

■ 9C8275

■ A78575

Harmonies

Analogous

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



37656B



3E6375



4E5F79

Triad

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



3E6375



78555E



596247

Complementary

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



3E6375



75503E

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.



685D44



3E6375



795651

Square

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



3E6375



70576B



735947



4A6451

Rectangle

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



3E6375



5B5C77



735947



5E6045

Sweetspot

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



3E6375



849299



3E754F



3F484D



CCCCCC



4D4D4D

Same Dimension

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



3E6375



437D99



3E4875



35393B



00527A



00A8FA

Inverse Universe

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



753E63



99437D



756B3E



3B3539



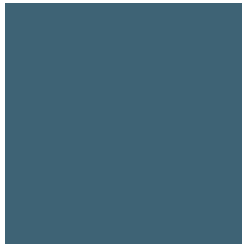
7A0052



FA00A8

Previews

White Background



This preview shows how the Hex color 3E6375 looks on a white background.

Color Contrast Check

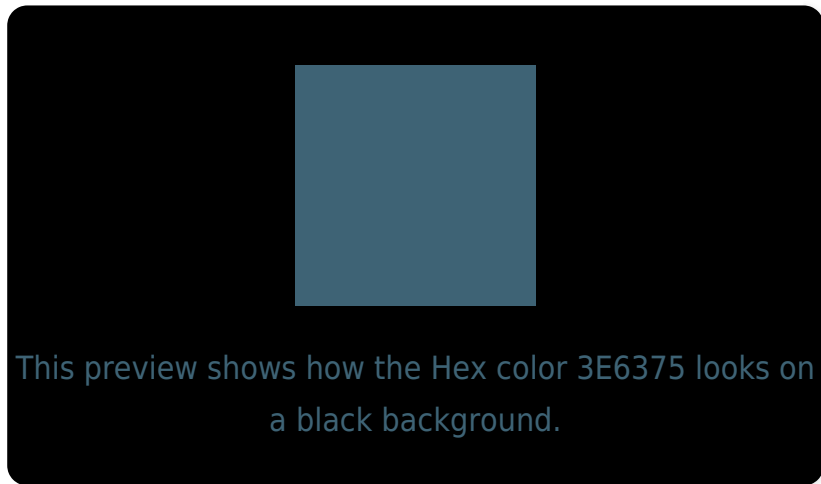
Large Text (above 18pt) WCAG AA ✓ Pass

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

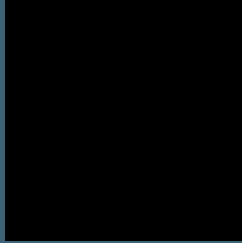
Any Text WCAG AA × Fail

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 3E6375 Background



This preview shows how black text looks on a background with the Hex color 3E6375.

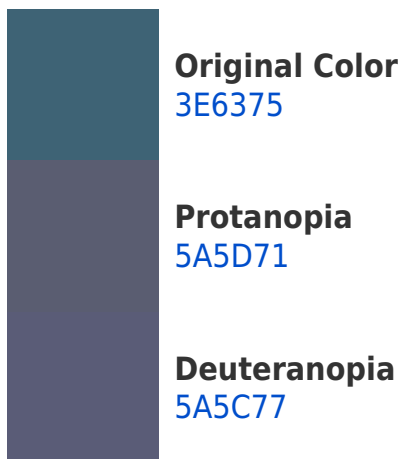



This preview shows how white text looks on a background with the Hex color 3E6375.

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](#).

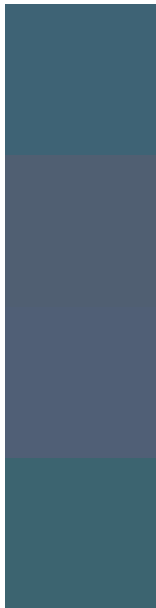
Dichromacy





Tritanopia
3B646D

Trichromacy



Original Color
3E6375

Protanomaly
505F72

Deuteranomaly
505F76

Tritanomaly
3C6470

Monochromacy



Original Color
3E6375

Achromatopsia
5A5A5A

Achromatomaly
505D64

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E6375 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 #3E6375 looks like.

```
.text, #text, p{  
    color:#3E6375  
}
```

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 #3E6375 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E6375
}
```

Border

The CSS property to change the border of an element to Hex 3E6375 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
#3E6375 }
```

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

```
.border{ border-color:#3E6375 }
```

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

Here you see how a box with a 4 pixel #3E6375 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E6375; -webkit-box-shadow:4px 4px  
4px 4px #3E6375; box-shadow:4px 4px 4px  
4px #3E6375 }
```

Background

The CSS property to change the background color of an element to Hex 3E6375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E6375 }
```

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

```
.background{ background-color:#3E6375 }
```

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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