

Converting Colors

Hex(3E6677)

Have a look what the booklet for
Hex(3E6677) contains.

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Color

Hex(3E6677)

Conversions

Conversions Part 1

Format	Color
Hex	3E6677
RGB	62, 102, 119
RGB Percent	24%, 40%, 47%
CMY	0.7569, 0.6000, 0.5333
CMYK	0.48, 0.14, 0.00, 0.53
HSL	198°, 31%, 35%
HSV	198°, 48%, 47%
XYZ	10.0678, 11.8588, 19.2111
YIQ	91.9780, -29.2970, -3.1930

Conversions

Conversions Part 2

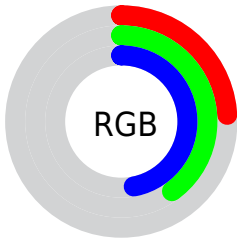
Format	Color
R _{YB}	62, 86, 119
Decimal	4089463
CIE _{Lab}	40.99, -9.08, -13.91
CIE _{LCh}	41, 16.613, 236.886
Yxy	11.8588, 0.2447, 0.2883
Android (android.graphics.Color)	4282279543 (0xFF3E6677)
YUV	91.9780, 13.3218, -26.2907
Hunter-Lab	34.4366, -8.0784, -8.9705

Details

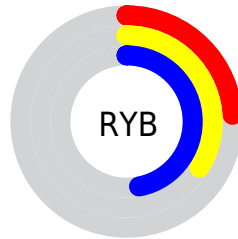
The Hex color **3E6677** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **774F3E**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7199AB**, and **073747** is the 20% darker color. If you saturate the color by 10%, you get **326277**, and if you desaturate by 10%, it is **4A6A77**.

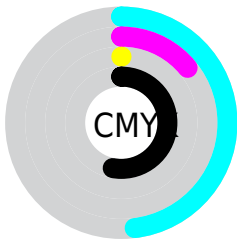
Distribution



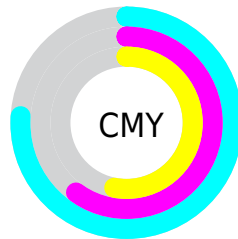
- Red (24%)
- Green (40%)
- Blue (47%)



- Red (24%)
- Yellow (34%)
- Blue (47%)



- Cyan (48%)
- Magenta (14%)
- Yellow (0%)
- Black (53%)



- Cyan (76%)
- Magenta (60%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E6677 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 3E6677 by changing the saturation by 10% instead.



3E6677



3E6677

FFFFFF



254E5E



7199AB



073747



8BB4C7



002230



A6CFE3



00081C



C2ECFF



000000



DFFFFF



FCFFFF



3E6677



3E6677



326277



4A6A77

■ 265F77

■ 566D77

■ 1A5B77

■ 627177

■ 0E5877

■ 6E7477

■ 035477

■ 797877

■ 005477

■ 857B77

■ 917F77

■ 9D8277

■ A98677

Harmonies

Analogous

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



39686C



3E6677



4E627C

Triad

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



3E6677



7A5763



5E6448

Complementary

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



3E6677



774F3E

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.



6C5F46



3E6677



7C5855

Square

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



3E6677



715970



775B4A



4E6751

Rectangle

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



3E6677



5B5F7B



775B4A



636246

Sweetspot

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



3E6677



86959C



3E774E



424B4F



CFCFCF



4F4F4F

Same Dimension

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



3E6677



43819C



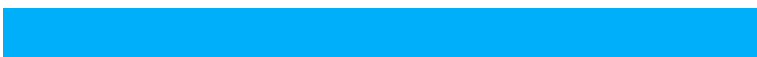
3E4A77



35393B



00567A



00AFFA

Inverse Universe

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



773E66



9C4381



776B3E



3B3539



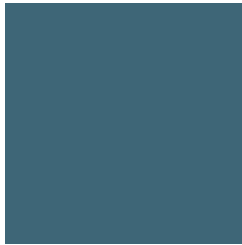
7A0056



FA00AF

Previews

White Background



This preview shows how the Hex color 3E6677 looks on a white background.

Color Contrast Check

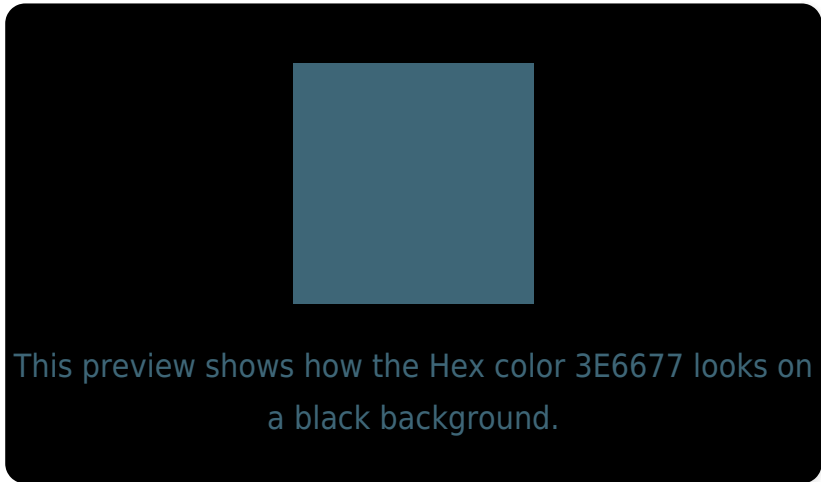
Large Text (above 18pt) WCAG AA ✓ Pass

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

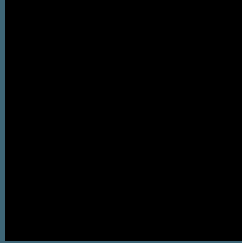
Any Text WCAG AA × Fail

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 3E6677 Background



This preview shows how black text looks on a background with the Hex color 3E6677.



This preview shows how white text looks on a background with the Hex color 3E6677.

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
3E6677

Protanopia
5C5F73

Deuteranopia
5D5E79



Tritanopia
3C6770

Trichromacy



Original Color
3E6677

Protanomaly
516274

Deuteranomaly
526178

Tritanomaly
3D6773

Monochromacy



Original Color
3E6677

Achromatopsia
5C5C5C

Achromatomaly
516066

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E6677 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 #3E6677 looks like.

```
.text, #text, p{  
    color:#3E6677  
}
```

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 #3E6677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E6677  
}
```

Border

The CSS property to change the border of an element to Hex 3E6677 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  
#3E6677 }
```

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

```
.border{ border-color:#3E6677 }
```

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

Here you see how a box with a 4 pixel #3E6677 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E6677; -webkit-box-shadow:4px 4px  
4px 4px #3E6677; box-shadow:4px 4px 4px  
4px #3E6677 }
```

Background

The CSS property to change the background color of an element to Hex 3E6677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E6677 }
```

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

```
.background{ background-color:#3E6677 }
```

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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