

Converting Colors

Hex(3E6D6B)

Have a look what the booklet for
Hex(3E6D6B) contains.

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Color

Hex(3E6D6B)

Conversions

Conversions Part 1

Format	Color
Hex	3E6D6B
RGB	62, 109, 107
RGB Percent	24%, 43%, 42%
CMY	0.7569, 0.5725, 0.5804
CMYK	0.43, 0.00, 0.02, 0.57
HSL	177°, 27%, 34%
HSV	177°, 43%, 43%
XYZ	10.1091, 13.0229, 15.8908
YIQ	94.7190, -27.3700, -10.5860

Conversions

Conversions Part 2

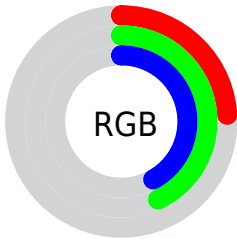
Format	Color
RYB	62, 86, 109
Decimal	4091243
CIELab	42.80, -16.54, -3.92
CIElCh	43, 17.000, 193.345
Yxy	13.0229, 0.2591, 0.3337
Android (android.graphics.Color)	4282281323 (0xFF3E6D6B)
YUV	94.7190, 6.0545, -28.6946
Hunter-Lab	36.0873, -13.1499, -0.8468

Details

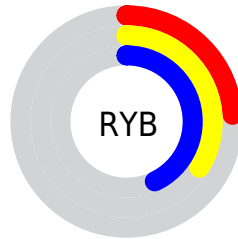
The Hex color **3E6D6B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6D3E40**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **71A19E**, and **093D3C** is the 20% darker color. If you saturate the color by 10%, you get **336D6B**, and if you desaturate by 10%, it is **496D6B**.

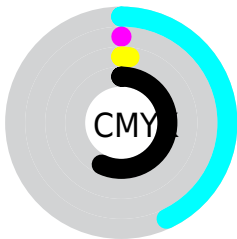
Distribution



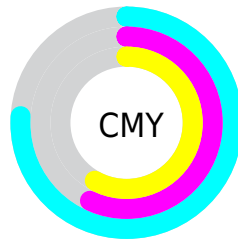
- Red (24%)
- Green (43%)
- Blue (42%)



- Red (24%)
- Yellow (34%)
- Blue (43%)



- Cyan (43%)
- Magenta (0%)
- Yellow (2%)
- Black (57%)



- Cyan (76%)
- Magenta (57%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E6D6B 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 3E6D6B by changing the saturation by 10% instead.



3E6D6B



3E6D6B

FFFFFF



255553



71A19E



093D3C



8BBCB9



002726



A6D8D5



001212



C2F4F1



000000



DEFFFF



FBFFFF



3E6D6B



3E6D6B



336D6B



496D6B

286D6A

546D6C

1D6D6A

5F6D6C

126D69

6A6D6D

086D69

746D6D

006D68

7F6D6E

8A6D6E

956D6F

A06D6F

Harmonies

Analogous

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



496C5D



3E6D6B



3D6C78

Triad

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



3E6D6B



6F5F7A



76614A

Complementary

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



3E6D6B



6D3E40

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.



7F5D52



3E6D6B



7C5C6D

Square

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



3E6D6B



5D6480



825B5F



69664A

Rectangle

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



3E6D6B



446A7E



825B5F



7A604C

Sweetspot

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



3E6D6B



7C8F8E



406D3E



3C4747



C7C7C7



474747

Same Dimension

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



3E6D6B



458F8C



3E586D



303635



007570



00F5EA

Inverse Universe

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



6D3E40



8F4548



6D533E



363030



750005



F5000A

Previews

White Background



This preview shows how the Hex color 3E6D6B looks on a white background.

Color Contrast Check

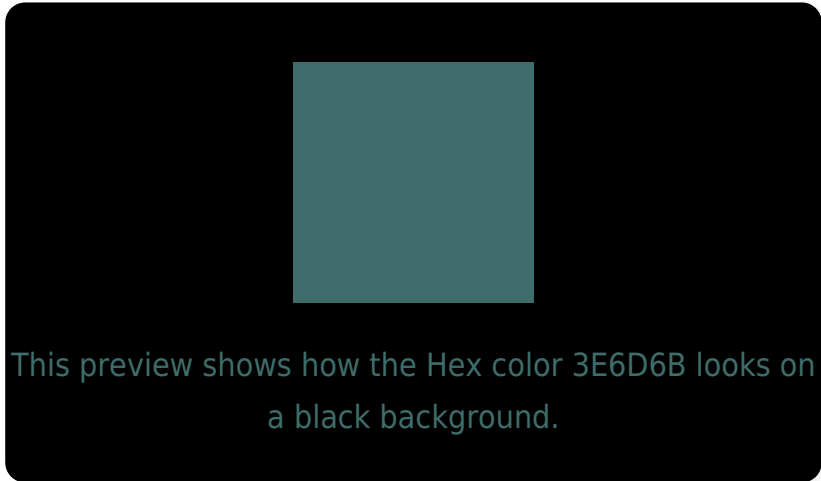
Large Text (above 18pt) WCAG AA ✓ Pass

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

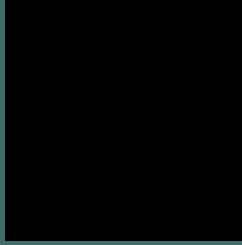
Any Text WCAG AA × Fail

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 3E6D6B Background



This preview shows how black text looks on a background with the Hex color 3E6D6B.



This preview shows how white text looks on a background with the Hex color 3E6D6B.

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
3E6D6B

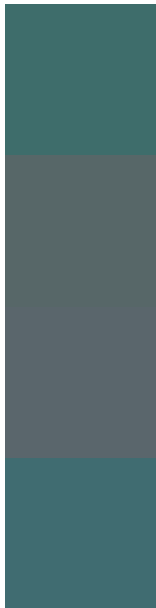
Protanopia
666466

Deuteranopia
6A626D



Tritanopia
416C74

Trichromacy



Original Color
3E6D6B

Protanomaly
576768

Deuteranomaly
5A666C

Tritanomaly
406C71

Monochromacy



Original Color
3E6D6B

Achromatopsia
5F5F5F

Achromatomaly
536463

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E6D6B 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 #3E6D6B looks like.

```
.text, #text, p{  
    color:#3E6D6B  
}
```

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 #3E6D6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E6D6B
}
```

Border

The CSS property to change the border of an element to Hex 3E6D6B 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
#3E6D6B }
```

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

```
.border{ border-color:#3E6D6B }
```

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

Here you see how a box with a 4 pixel #3E6D6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E6D6B; -webkit-box-shadow:4px 4px  
4px 4px #3E6D6B; box-shadow:4px 4px 4px  
4px #3E6D6B }
```

Background

The CSS property to change the background color of an element to Hex 3E6D6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E6D6B }
```

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

```
.background{ background-color:#3E6D6B }
```

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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