

Converting Colors

Hex(3E5685)

Have a look what the booklet for
Hex(3E5685) contains.

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Color

Hex(3E5685)

Conversions

Conversions Part 1

Format	Color
Hex	3E5685
RGB	62, 86, 133
RGB Percent	24%, 34%, 52%
CMY	0.7569, 0.6627, 0.4784
CMYK	0.53, 0.35, 0.00, 0.48
HSL	220°, 36%, 38%
HSV	220°, 53%, 52%
XYZ	9.5480, 9.3732, 23.4963
YIQ	84.1820, -29.3910, 9.5290

Conversions

Conversions Part 2

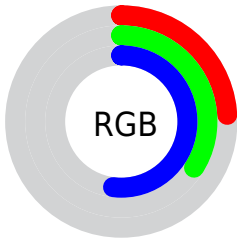
Format	Color
R_{YB}	62, 80, 133
Decimal	4085381
CIE _{Lab}	36.69, 5.31, -29.11
CIE _{LCh}	37, 29.591, 280.330
Yxy	9.3732, 0.2251, 0.2210
Android (android.graphics.Color)	4282275461 (0xFF3E5685)
YUV	84.1820, 24.0673, -19.4536
Hunter-Lab	30.6156, 2.0911, -24.0718

Details

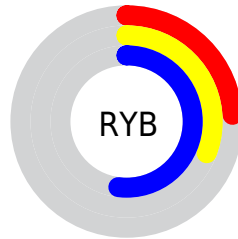
The Hex color **3E5685** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **856D3E**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **7287BA**, and **012953** is the 20% darker color. If you saturate the color by 10%, you get **314D85**, and if you desaturate by 10%, it is **4B5F85**.

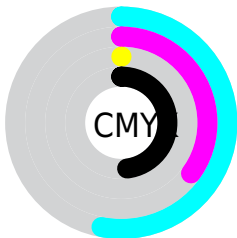
Distribution



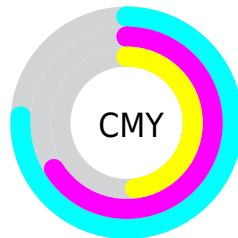
- Red (24%)
- Green (34%)
- Blue (52%)



- Red (24%)
- Yellow (31%)
- Blue (52%)



- Cyan (53%)
- Magenta (35%)
- Yellow (0%)
- Black (48%)



- Cyan (76%)
- Magenta (66%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E5685 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 3E5685 by changing the saturation by 10% instead.



3E5685



3E5685

FFFFFF



233F6C



7287BA



012953



8DA2D6



00153C



A8BDF3



000226



C4D8FF



00010E



E1F5FF



000000

FEFFFF



3E5685



3E5685



314D85



4B5F85

■ 234485

■ 596885

■ 163C85

■ 667085

■ 093385

■ 737985

■ 002D85

■ 818285

■ 8E8B85

■ 9B9485

■ A89C85

■ B6A585

Harmonies

Analogous

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



005D83



3E5685



634D7B

Triad

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



3E5685



804739



216145

Complementary

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



3E5685



856D3E

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.



435E31



3E5685



724F29

Square

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



3E5685



83434F



5D5826



00635E

Rectangle

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



3E5685



74476E



5D5826



2E603E

Sweetspot

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



3E5685



929BAD



3E856C



464C57



D6D6D6



575757

Same Dimension

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



3E5685



3E64AD



493E85



3C3E42



002C82



000103

Inverse Universe

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



853E56



AD3E64



7A853E



423C3E



82002C



030001

Previews

White Background



This preview shows how the Hex color 3E5685 looks on a white background.

Color Contrast Check

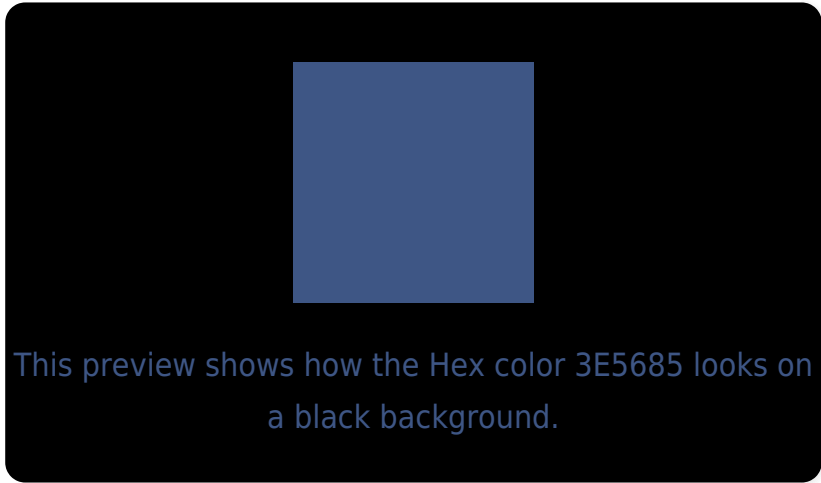
Large Text (above 18pt) WCAG AA ✓ Pass

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 3E5685 Background



This preview shows how black text looks on a background with the Hex color 3E5685.



This preview shows how white text looks on a background with the Hex color 3E5685.

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
3E5685

Protanopia
455584

Deuteranopia
3E5685



Tritanopia
325D64

Trichromacy



Original Color

3E5685

Protanomaly

425584

Deuteranomaly

3E5685

Tritanomaly

365A70

Monochromacy



Original Color

3E5685

Achromatopsia

545454

Achromatomaly

4C5566

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E5685 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 #3E5685 looks like.

```
.text, #text, p{  
    color:#3E5685  
}
```

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 #3E5685 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E5685
}
```

Border

The CSS property to change the border of an element to Hex 3E5685 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
#3E5685 }
```

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

```
.border{ border-color:#3E5685 }
```

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

Here you see how a box with a 4 pixel #3E5685 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E5685; -webkit-box-shadow:4px 4px  
4px 4px #3E5685; box-shadow:4px 4px 4px  
4px #3E5685 }
```

Background

The CSS property to change the background color of an element to Hex 3E5685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E5685 }
```

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

```
.background{ background-color:#3E5685 }
```

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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