

Converting Colors

Hex(40516E)

Have a look what the booklet for
Hex(40516E) contains.

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Color

Hex(40516E)

Conversions

Conversions Part 1

Format	Color
Hex	40516E
RGB	64, 81, 110
RGB Percent	25%, 32%, 43%
CMY	0.7490, 0.6824, 0.5686
CMYK	0.42, 0.26, 0.00, 0.57
HSL	218°, 26%, 34%
HSV	218°, 42%, 43%
XYZ	7.8713, 8.1006, 15.9006
YIQ	79.2230, -19.4410, 5.4150

Conversions

Conversions Part 2

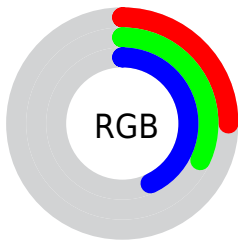
Format	Color
RYB	64, 76, 110
Decimal	4215150
CIELab	34.19, 1.60, -18.78
CIELCh	34, 18.851, 274.862
Yxy	8.1006, 0.2470, 0.2542
Android (android.graphics.Color)	4282405230 (0xFF40516E)
YUV	79.2230, 15.1731, -13.3506
Hunter-Lab	28.4616, -0.4424, -13.2002

Details

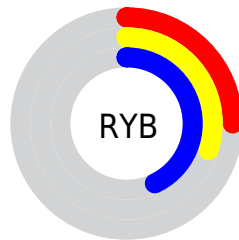
The Hex color **40516E** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **6E5D40**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **7282A2**, and **10253E** is the 20% darker color. If you saturate the color by 10%, you get **354A6E**, and if you desaturate by 10%, it is **4B586E**.

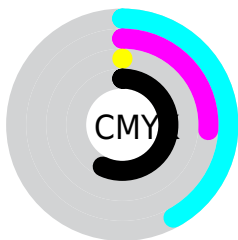
Distribution



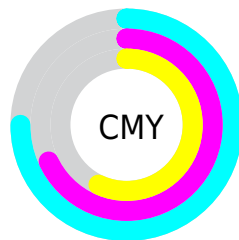
- Red (25%)
- Green (32%)
- Blue (43%)



- Red (25%)
- Yellow (30%)
- Blue (43%)



- Cyan (42%)
- Magenta (26%)
- Yellow (0%)
- Black (57%)



- Cyan (75%)
- Magenta (68%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40516E 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 40516E by changing the saturation by 10% instead.

■ 40516E

■ 40516E

FFFFFF

■ 283A56

■ 7282A2

■ 10253E

■ 8C9CBD

■ 000F28

■ A6B7D9

■ 000113

■ C2D3F5

■ 000000

■ DEEFFF

■ FBFFFF

■ 40516E

■ 40516E

■ 354A6E

■ 4B586E

■ 2A436E

■ 565F6E

■ 1F3C6E

■ 61666E

■ 14356E

■ 6C6D6E

■ 092E6E

■ 77746E

■ 00296E

■ 827B6E

■ 8D826E

■ 98886E

■ A38F6E

Harmonies

Analogous

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



2A556B



40516E



564C69

Triad

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



40516E



6D4740



375743

Complementary

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



40516E



6E5D40

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.



485537



40516E



654B36

Square

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



40516E



6D454E



585032



265952

Rectangle

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



40516E



614862



585032



3D573F

Sweetspot

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



40516E



7C838F



406E5C



3C4047



C7C7C7



474747

Same Dimension

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



40516E



47628F



45406E



323538



002C78



005BF7

Inverse Universe

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



6E4051



8F4762



696E40



383235



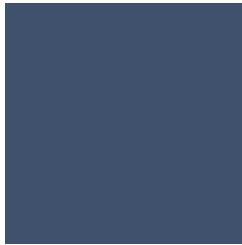
78002C



F7005B

Previews

White Background



This preview shows how the Hex color 40516E looks on a white background.

Color Contrast Check

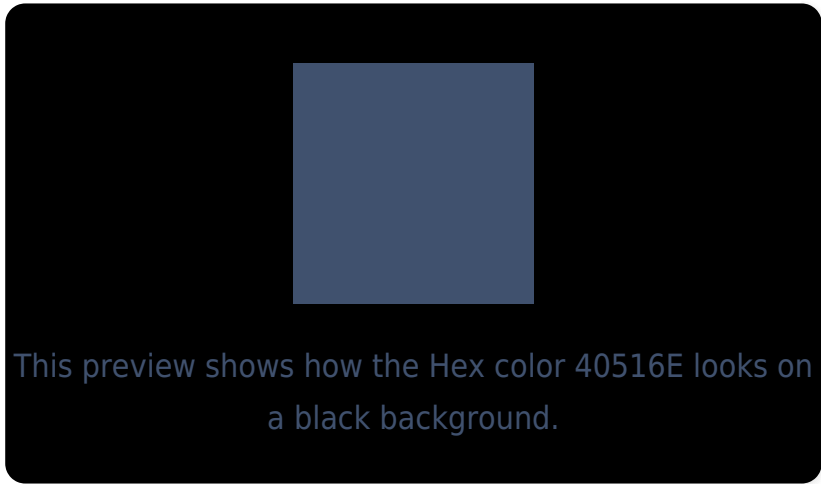
Large Text (above 18pt) WCAG AA ✓ Pass

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

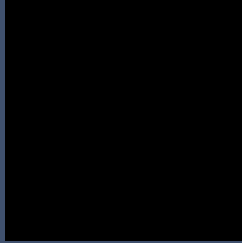
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

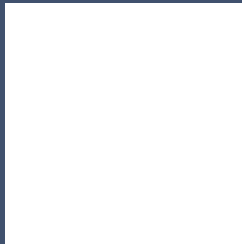
Any Text WCAG AAA × Fail

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

Hex 40516E Background



This preview shows how black text looks on a background with the Hex color 40516E.

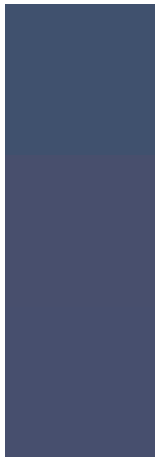


This preview shows how white text looks on a background with the Hex color 40516E.

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
40516E

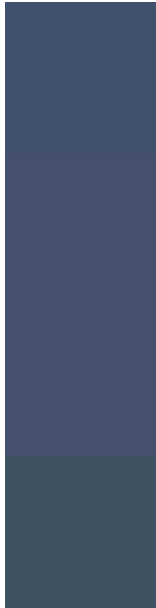
Protanopia
484F6D

Deuteranopia
474F6E



Tritanopia
3B545B

Trichromacy



Original Color
40516E

Protanomaly
45506D

Deuteranomaly
44506E

Tritanomaly
3D5362

Monochromacy



Original Color
40516E

Achromatopsia
4F4F4F

Achromatomaly
4A505A

CSS Examples

Text

The CSS property to change the color of the text to Hex 40516E 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 #40516E looks like.

```
.text, #text, p{  
    color:#40516E  
}
```

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 #40516E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40516E
}
```

Border

The CSS property to change the border of an element to Hex 40516E is called "border". The border property can be set on classes, ids or directly on the HTML element.

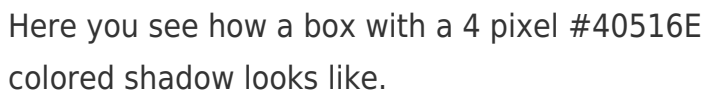
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40516E }
```

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

```
.border{ border-color:#40516E }
```

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



Here you see how a box with a 4 pixel #40516E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40516E; -webkit-box-shadow:4px 4px  
4px 4px #40516E; box-shadow:4px 4px 4px  
4px #40516E }
```

Background

The CSS property to change the background color of an element to Hex 40516E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40516E }
```

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

```
.background{ background-color:#40516E }
```

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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