

Converting Colors

Hex(405A6A)

Have a look what the booklet for
Hex(405A6A) contains.

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Color

Hex(405A6A)

Conversions

Conversions Part 1

Format	Color
Hex	405A6A
RGB	64, 90, 106
RGB Percent	25%, 35%, 42%
CMY	0.7490, 0.6471, 0.5843
CMYK	0.40, 0.15, 0.00, 0.58
HSL	203°, 25%, 33%
HSV	203°, 40%, 42%
XYZ	8.3720, 9.4429, 15.0171
YIQ	84.0500, -20.6320, -0.5360

Conversions

Conversions Part 2

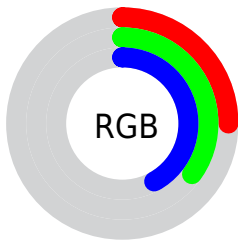
Format	Color
R_{YB}	64, 80, 106
Decimal	4217450
CIE _{Lab}	36.82, -5.22, -12.26
CIE _{LCh}	37, 13.323, 246.936
Yxy	9.4429, 0.2550, 0.2876
Android (android.graphics.Color)	4282407530 (0xFF405A6A)
YUV	84.0500, 10.8214, -17.5838
Hunter-Lab	30.7293, -5.1450, -7.4638

Details

The Hex color **405A6A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A5040**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **728C9D**, and **102C3B** is the 20% darker color. If you saturate the color by 10%, you get **35566A**, and if you desaturate by 10%, it is **4B5E6A**.

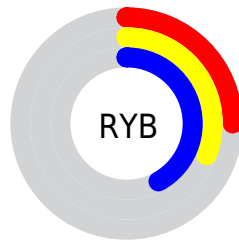
Distribution



Red (25%)

Green (35%)

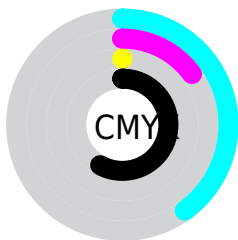
Blue (42%)



Red (25%)

Yellow (31%)

Blue (42%)

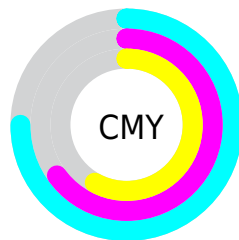


Cyan (40%)

Magenta (15%)

Yellow (0%)

Black (58%)



Cyan (75%)

Magenta (65%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 405A6A 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 405A6A by changing the saturation by 10% instead.

■ 405A6A

■ 405A6A

FFFFFF

■ 284352

■ 728C9D

■ 102C3B

■ 8BA6B8

■ 001825

■ A6C2D4

■ 000110

■ C2DDF0

■ 000000

■ DEFAFF

■ FBFFFF

■ 405A6A

■ 405A6A

■ 35566A

■ 4B5E6A

■ 2B526A

■ 55626A

■ 204E6A

■ 60666A

■ 164A6A

■ 6A6A6A

■ 0B466A

■ 756E6A

■ 00426A

■ 80726A

■ 8A766A

■ 957A6A

■ 9F7E6A

Harmonies

Analogous

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



395C63



405A6A



4D576C

Triad

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



405A6A



6C4F54



505A45

Complementary

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



405A6A



6A5040

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.



5C5741



405A6A



6C504A

Square

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



405A6A



67505F



665343



445C4E

Rectangle

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



405A6A



57546A



665343



545943

Sweetspot

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



405A6A



79838A



406A4F



3B4145



C4C4C4



454545

Same Dimension

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



405A6A



48718A



40466A



303436



004975



0098F5

Inverse Universe

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



6A405A



8A4871



6A6440



363034



750049



F50098

Previews

White Background



This preview shows how the Hex color 405A6A looks on a white background.

Color Contrast Check

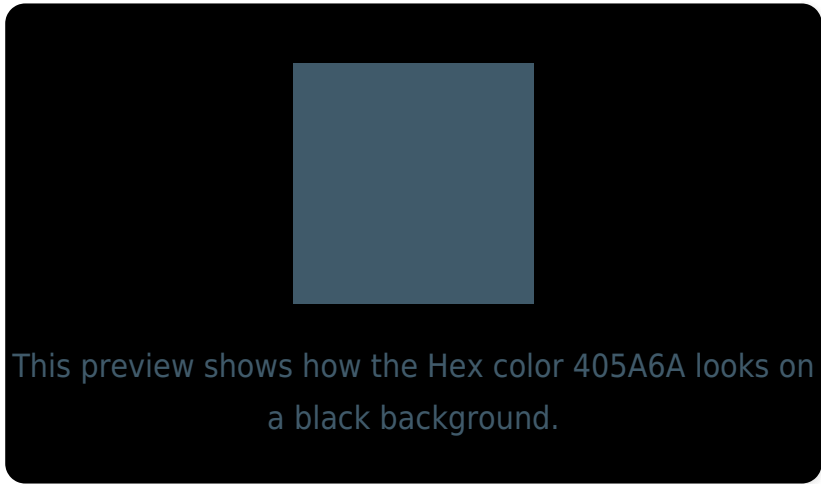
Large Text (above 18pt) WCAG AA ✓ Pass

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

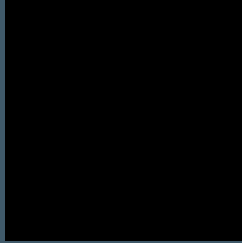
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

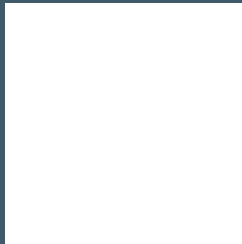
Any Text WCAG AAA × Fail

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

Hex 405A6A Background



This preview shows how black text looks on a background with the Hex color 405A6A.



This preview shows how white text looks on a background with the Hex color 405A6A.

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
405A6A

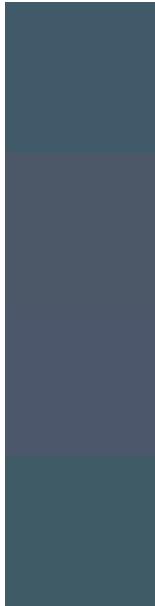
Protanopia
535667

Deuteranopia
54556B



Tritanopia
3E5B63

Trichromacy



Original Color
405A6A

Protanomaly
4C5768

Deuteranomaly
4D576B

Tritanomaly
3F5B66

Monochromacy



Original Color
405A6A

Achromatopsia
545454

Achromatomaly
4D565C

CSS Examples

Text

The CSS property to change the color of the text to Hex 405A6A 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 #405A6A looks like.

```
.text, #text, p{  
    color:#405A6A  
}
```

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 #405A6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #405A6A
}
```

Border

The CSS property to change the border of an element to Hex 405A6A 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
#405A6A }
```

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

```
.border{ border-color:#405A6A }
```

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

Here you see how a box with a 4 pixel #405A6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #405A6A; -webkit-box-shadow:4px 4px  
4px 4px #405A6A; box-shadow:4px 4px 4px  
4px #405A6A }
```

Background

The CSS property to change the background color of an element to Hex 405A6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#405A6A }
```

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

```
.background{ background-color:#405A6A }
```

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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