

Converting Colors

Hex(405366)

Have a look what the booklet for
Hex(405366) contains.

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Color

Hex(405366)

Conversions

Conversions Part 1

Format	Color
Hex	405366
RGB	64, 83, 102
RGB Percent	25%, 33%, 40%
CMY	0.7490, 0.6745, 0.6000
CMYK	0.37, 0.19, 0.00, 0.60
HSL	210°, 23%, 33%
HSV	210°, 37%, 40%
XYZ	7.6059, 8.2358, 13.7592
YIQ	79.4850, -17.4230, 1.8810

Conversions

Conversions Part 2

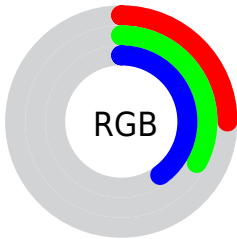
Format	Color
RYB	64, 77, 102
Decimal	4215654
CIELab	34.47, -2.08, -13.35
CIELCh	34, 13.508, 261.158
Yxy	8.2358, 0.2569, 0.2782
Android (android.graphics.Color)	4282405734 (0xFF405366)
YUV	79.4850, 11.0999, -13.5803
Hunter-Lab	28.6981, -2.9137, -8.3376

Details


The Hex color **405366** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **665340**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **718499**, and **122637** is the 20% darker color. If you saturate the color by 10%, you get **364E66**, and if you desaturate by 10%, it is **4A5866**.

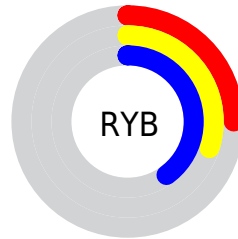
Distribution



 Red (25%)

 Green (33%)

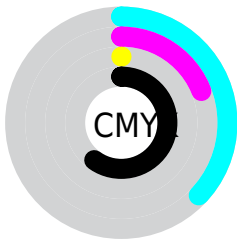
 Blue (40%)



 Red (25%)

 Yellow (30%)

 Blue (40%)

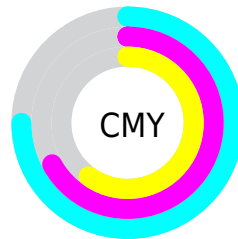


 Cyan (37%)

 Magenta (19%)

 Yellow (0%)

 Black (60%)



 Cyan (75%)

 Magenta (67%)

 Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 405366 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 405366 by changing the saturation by 10% instead.

■ 405366

■ 405366

FFFFFF

■ 293C4E

■ 718499

■ 122637

■ 8B9EB4

■ 001222

■ A6B9CF

■ 000009

■ C1D5EC

■ 000000

■ DDF1FF

■ FAFFFF

■ 405366

■ 405366

■ 364E66

■ 4A5866

■ 2C4966

■ 545D66

■ 214466

■ 5F6266

■ 173F66

■ 696766

■ 0D3A66

■ 736D66

■ 033466

■ 7D7266

■ 003366

■ 877766

■ 927C66

■ 9C8166

Harmonies

Analogous

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



355661



405366



4F4F65

Triad

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



405366



674A4A



455543

Complementary

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



405366



665340

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.



51533D



405366



644C41

Square

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



405366



644A55



5C4F3C



39574D

Rectangle

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



405366



584D61



5C4F3C



495541

Sweetspot

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



405366



767D85



406653



3A3E42



C2C2C2



424242

Same Dimension

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



405366



496785



404066



2E3033



003973



0079F2

Inverse Universe

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



664053



854967



666640



332E30



730039



F20079

Previews

White Background



This preview shows how the Hex color 405366 looks on a white background.

Color Contrast Check

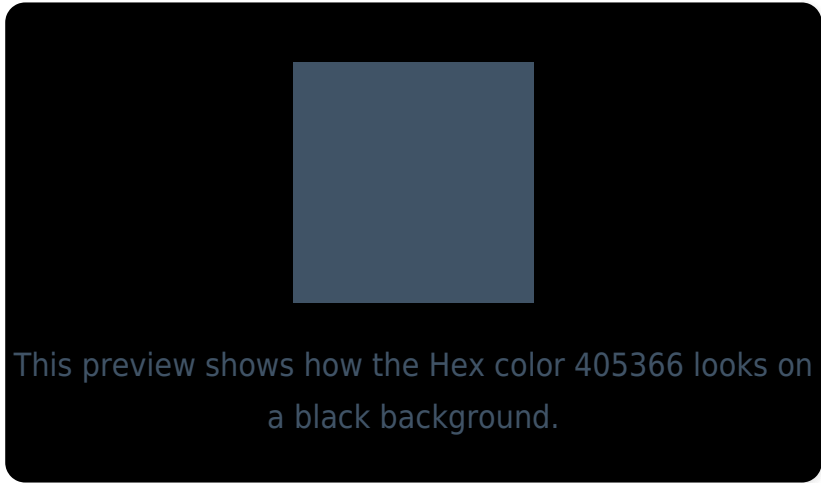
Large Text (above 18pt) WCAG AA ✓ Pass

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

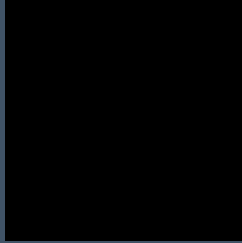
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

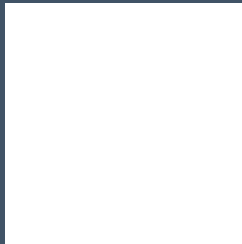
Any Text WCAG AAA × Fail

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

Hex 405366 Background



This preview shows how black text looks on a background with the Hex color 405366.

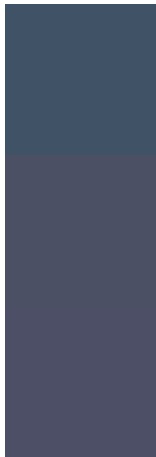


This preview shows how white text looks on a background with the Hex color 405366.

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
405366

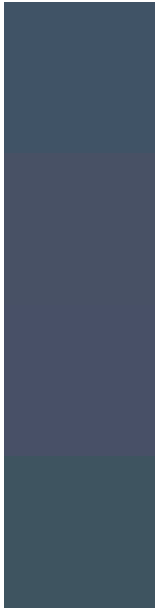
Protanopia
4C5064

Deuteranopia
4D4F67



Tritanopia
3D555C

Trichromacy



Original Color
405366

Protanomaly
485165

Deuteranomaly
485067

Tritanomaly
3E5460

Monochromacy



Original Color
405366

Achromatopsia
4F4F4F

Achromatomaly
4A5057

CSS Examples

Text

The CSS property to change the color of the text to Hex 405366 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 #405366 looks like.

```
.text, #text, p{  
    color:#405366  
}
```

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 #405366 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #405366  
}
```

Border

The CSS property to change the border of an element to Hex 405366 is called "border". The border property can be set on classes, ids or directly on the HTML element.

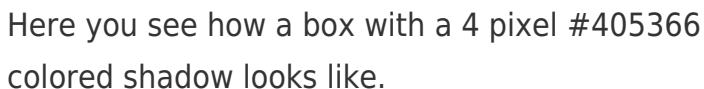
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#405366 }
```

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

```
.border{ border-color:#405366 }
```

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



Here you see how a box with a 4 pixel #405366 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #405366; -webkit-box-shadow:4px 4px  
4px 4px #405366; box-shadow:4px 4px 4px  
4px #405366 }
```

Background

The CSS property to change the background color of an element to Hex 405366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#405366 }
```

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

```
.background{ background-color:#405366 }
```

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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