

Converting Colors

Hex(405983)

Have a look what the booklet for
Hex(405983) contains.

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Color

Hex(405983)

Conversions

Conversions Part 1

Format	Color
Hex	405983
RGB	64, 89, 131
RGB Percent	25%, 35%, 51%
CMY	0.7490, 0.6510, 0.4863
CMYK	0.51, 0.32, 0.00, 0.49
HSL	218°, 34%, 38%
HSV	218°, 51%, 51%
XYZ	9.7835, 9.8734, 22.8628
YIQ	86.3130, -28.3820, 7.7620

Conversions

Conversions Part 2

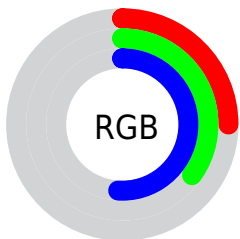
Format	Color
R_{YB}	64, 82, 131
Decimal	4217219
CIE _{Lab}	37.61, 3.23, -26.44
CIE _{LCh}	38, 26.632, 276.967
Yxy	9.8734, 0.2301, 0.2322
Android (android.graphics.Color)	4282407299 (0xFF405983)
YUV	86.3130, 22.0307, -19.5685
Hunter-Lab	31.4220, 0.5887, -21.1443

Details

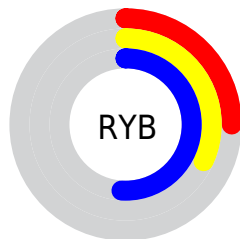
The Hex color **405983** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **836A40**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **748BB8**, and **062C51** is the 20% darker color. If you saturate the color by 10%, you get **335183**, and if you desaturate by 10%, it is **4D6183**.

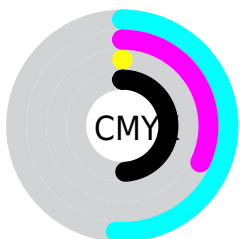
Distribution



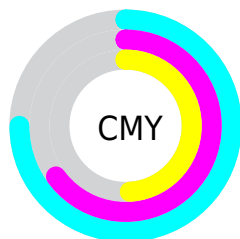
- Red (25%)
- Green (35%)
- Blue (51%)



- Red (25%)
- Yellow (32%)
- Blue (51%)



- Cyan (51%)
- Magenta (32%)
- Yellow (0%)
- Black (49%)



- Cyan (75%)
- Magenta (65%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 405983 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 405983 by changing the saturation by 10% instead.

■ 405983

■ 405983

FFFFFF

■ 26426A

■ 748BB8

■ 062C51

■ 8EA5D4

■ 00183A

■ AAC0F0

■ 000224

■ C6DCFF

■ 00000C

■ E2F8FF

■ 000000

■ 405983

■ 405983

■ 335183

■ 4D6183

■ 264983

■ 5A6983

■ 194083

■ 677283

■ 0C3883

■ 747A83

■ 003183

■ 828283

■ 8F8A83

■ 9C9283

■ A99B83

■ B6A383

Harmonies

Analogous

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



0E5F80



405983



61517B

Triad

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



405983



7F4A40



2F6247

Complementary

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



405983



836A40

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.



4A5F35



405983



745131

Square

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



405983



814754



61592D



00645D

Rectangle

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



405983



714C70



61592D



396240

Sweetspot

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



405983



919BAB



408369



474D57



D6D6D6



575757

Same Dimension

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



405983



436AAB



484083



3C3E42



003182



000103

Inverse Universe

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



834059



AB436A



7B8340



423C3E



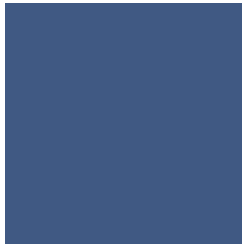
820031



030001

Previews

White Background



This preview shows how the Hex color 405983 looks on a white background.

Color Contrast Check

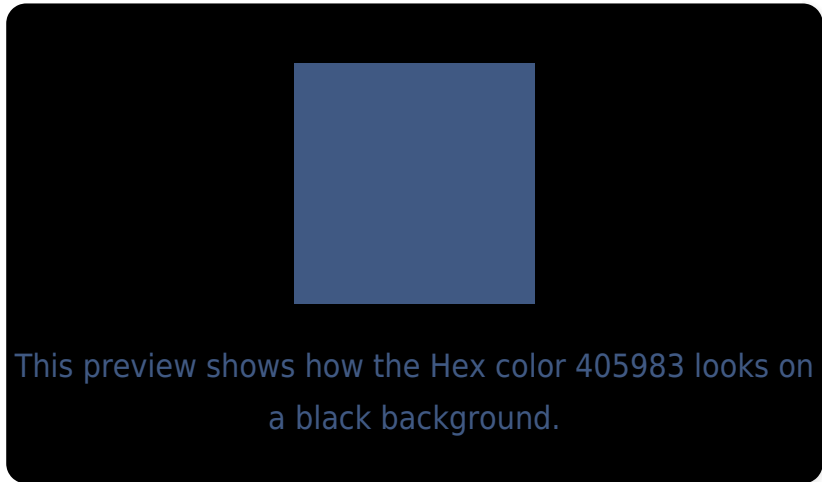
Large Text (above 18pt) WCAG AA ✓ Pass

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 405983 Background



This preview shows how black text looks on a background with the Hex color 405983.

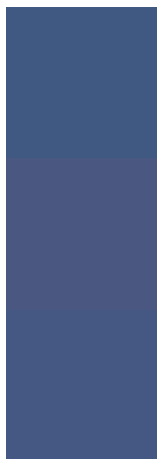


This preview shows how white text looks on a background with the Hex color 405983.

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
405983

Protanopia
4A5781

Deuteranopia
455883



Tritanopia
365F66

Trichromacy



Original Color
405983

Protanomaly
465882

Deuteranomaly
435883

Tritanomaly
3A5D71

Monochromacy



Original Color
405983

Achromatopsia
565656

Achromatomaly
4E5766

CSS Examples

Text

The CSS property to change the color of the text to Hex 405983 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 #405983 looks like.

```
.text, #text, p{  
    color:#405983  
}
```

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 #405983 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #405983
}
```

Border

The CSS property to change the border of an element to Hex 405983 is called "border". The border property can be set on classes, ids or directly on the HTML element.

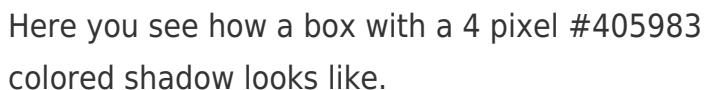
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#405983 }
```

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

```
.border{ border-color:#405983 }
```

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



Here you see how a box with a 4 pixel #405983 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #405983; -webkit-box-shadow:4px 4px  
4px 4px #405983; box-shadow:4px 4px 4px  
4px #405983 }
```

Background

The CSS property to change the background color of an element to Hex 405983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#405983 }
```

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

```
.background{ background-color:#405983 }
```

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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