

Converting Colors

Hex(405795)

Have a look what the booklet for
Hex(405795) contains.

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Color

Hex(405795)

Conversions

Conversions Part 1

Format	Color
Hex	405795
RGB	64, 87, 149
RGB Percent	25%, 34%, 58%
CMY	0.7490, 0.6588, 0.4157
CMYK	0.57, 0.42, 0.00, 0.42
HSL	224°, 40%, 42%
HSV	224°, 57%, 58%
XYZ	10.9474, 10.0763, 29.8017
YIQ	87.1910, -33.6100, 14.4060

Conversions

Conversions Part 2

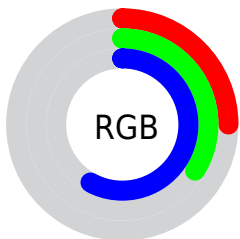
Format	Color
R _{YB}	64, 82, 149
Decimal	4216725
CIE _{Lab}	37.98, 10.60, -36.79
CIE _{LCh}	38, 38.285, 286.081
Yxy	10.0763, 0.2154, 0.1983
Android (android.graphics.Color)	4282406805 (0xFF405795)
YUV	87.1910, 30.4718, -20.3385
Hunter-Lab	31.7432, 6.0092, -33.4434

Details


The Hex color **405795** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **957E40**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **7688CC**, and **002A62** is the 20% darker color. If you saturate the color by 10%, you get **314C95**, and if you desaturate by 10%, it is **4F6295**.

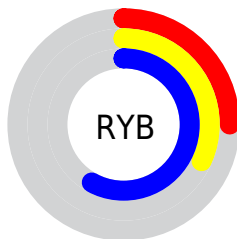
Distribution



 Red (25%)

 Green (34%)

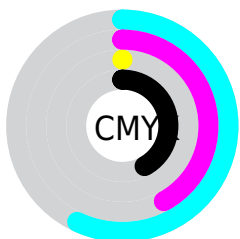
 Blue (58%)





 Red (25%)

 Yellow (32%)

 Blue (58%)

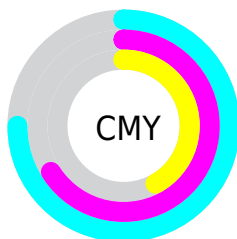



 Cyan (57%)


 Magenta (42%)

 Yellow (0%)

 Black (42%)



 Cyan (75%)

 Magenta (66%)

 Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 405795 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 405795 by changing the saturation by 10% instead.

■ 405795

■ 405795

FFFFFF

■ 23407B

■ 7688CC

■ 002A62

■ 91A3E8

■ 001749

■ ADBEFF

■ 000333

■ CAD9FF

■ 00021D

■ E7F6FF

■ 000000

■ 405795

■ 405795

■ 314C95

■ 4F6295

■ 224195

■ 5E6D95

■ 133695

■ 6D7895

■ 042C95

■ 7C8295

■ 002895

■ 8B8D95

■ 999895

■ A8A395

■ B7AE95

■ C6B995

Harmonies

Analogous

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



006195



405795



704A85

Triad

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



405795



8A472E



006849

Complementary

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



405795



957E40

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.



37642C



405795



76531A

Square

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



405795



923E4A



5A5D19



00696A

Rectangle

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



405795



844273



5A5D19



0C673F

Sweetspot

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



405795



A1AAC2



40957D



4E5361



E0E0E0



616161

Same Dimension

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



405795



3E62C2



524095



43454A



00258A



00030A

Inverse Universe

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



954057



C23E62



839540



4A4345



8A0025



0A0003

Previews

White Background



This preview shows how the Hex color 405795 looks on a white background.

Color Contrast Check

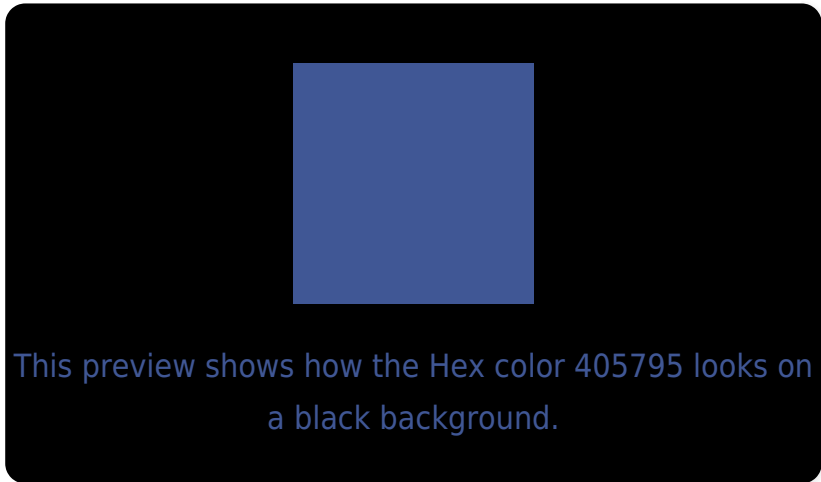
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

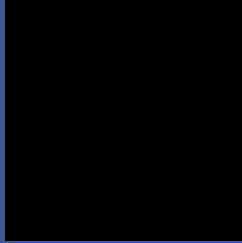
Any Text WCAG AA × Fail

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 405795 Background



This preview shows how black text looks on a background with the Hex color 405795.



This preview shows how white text looks on a background with the Hex color 405795.

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
405795

Protanopia
3F5795

Deuteranopia
325A94



Tritanopia
2E6168

Trichromacy



Original Color
405795

Protanomaly
3F5795

Deuteranomaly
375994

Tritanomaly
355D78

Monochromacy



Original Color
405795

Achromatopsia
575757

Achromatomaly
4F576E

CSS Examples

Text

The CSS property to change the color of the text to Hex 405795 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 #405795 looks like.

```
.text, #text, p{  
    color:#405795  
}
```

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 #405795 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #405795
}
```

Border

The CSS property to change the border of an element to Hex 405795 is called "border". The border property can be set on classes, ids or directly on the HTML element.

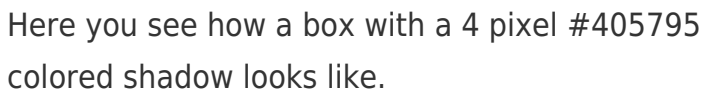
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#405795 }
```

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

```
.border{ border-color:#405795 }
```

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



Here you see how a box with a 4 pixel #405795 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #405795; -webkit-box-shadow:4px 4px  
4px 4px #405795; box-shadow:4px 4px 4px  
4px #405795 }
```

Background

The CSS property to change the background color of an element to Hex 405795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#405795 }
```

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

```
.background{ background-color:#405795 }
```

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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