

Converting Colors

Hex(405872)

Have a look what the booklet for
Hex(405872) contains.

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Color

Hex(405872)

Conversions

Conversions Part 1

Format	Color
Hex	405872
RGB	64, 88, 114
RGB Percent	25%, 35%, 45%
CMY	0.7490, 0.6549, 0.5529
CMYK	0.44, 0.23, 0.00, 0.55
HSL	211°, 28%, 35%
HSV	211°, 44%, 45%
XYZ	8.6413, 9.2843, 17.2562
YIQ	83.7880, -22.6500, 2.9980

Conversions

Conversions Part 2

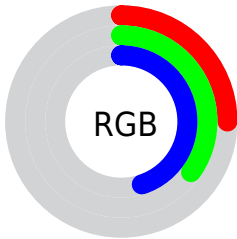
Format	Color
R_{YB}	64, 80, 114
Decimal	4216946
CIE _{Lab}	36.53, -1.58, -17.67
CIE _{LCh}	37, 17.741, 264.899
Yxy	9.2843, 0.2456, 0.2639
Android (android.graphics.Color)	4282407026 (0xFF405872)
YUV	83.7880, 14.8945, -17.3541
Hunter-Lab	30.4702, -2.7004, -12.2486




Details

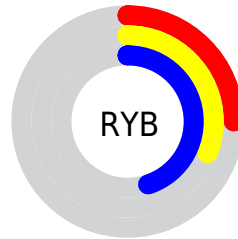
The Hex color **405872** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **725A40**, and the grayscale version is **545454**.




A 20% lighter version of the original color is **728AA6**, and **0E2B42** is the 20% darker color. If you saturate the color by 10%, you get **355272**, and if you desaturate by 10%, it is **4B5E72**.

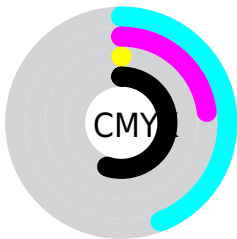
Distribution







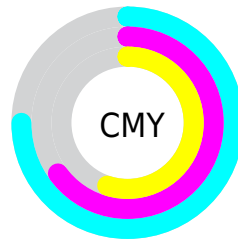
-  Red (25%)
-  Green (35%)
-  Blue (45%)






-  Red (25%)
-  Yellow (31%)
-  Blue (45%)



-  Cyan (44%)
-  Magenta (23%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (75%)
-  Magenta (65%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 405872 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 405872 by changing the saturation by 10% instead.

■ 405872

■ 405872

FFFFFF

■ 284159

■ 728AA6

■ 0E2B42

■ 8CA4C1

■ 00162C

■ A7BFDD

■ 000117

■ C3DBFA

■ 000000

■ DFF7FF

■ FCFFFF

■ 405872

■ 405872

■ 355272

■ 4B5E72

■ 294C72

■ 576472

■ 1E4672

■ 626A72

■ 124072

■ 6E7072

■ 073A72

■ 797672

■ 003772

■ 847C72

■ 908172

■ 9B8772

■ A78D72

Harmonies

Analogous

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



2E5C6D



405872



555370

Triad

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



405872



724C4B



435C45

Complementary

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



405872



725A40

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.



54593C



405872



6D4F3F

Square

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



405872



704C59



62543A



335E53

Rectangle

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



405872



61506A



62543A



495B41

Sweetspot

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



405872



818A94



40725A



3E444A



C9C9C9



4A4A4A

Same Dimension

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



405872



466B94



414072



323538



003A78



0077F7

Inverse Universe

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



724058



94466B



717240



383235



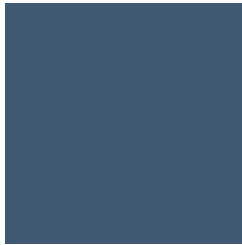
78003A



F70077

Previews

White Background



This preview shows how the Hex color 405872 looks on a white background.

Color Contrast Check

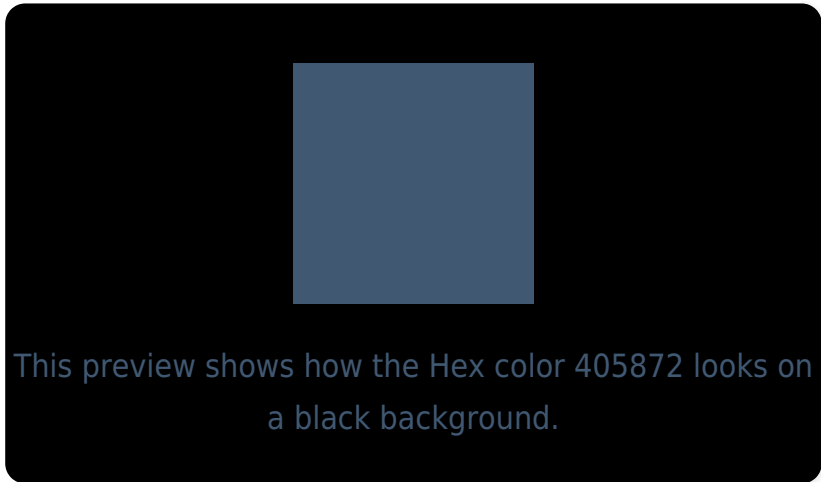
Large Text (above 18pt) WCAG AA ✓ Pass

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

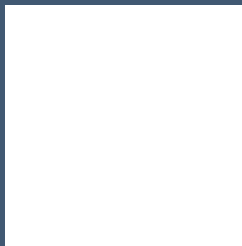
Any Text WCAG AAA × Fail

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

Hex 405872 Background



This preview shows how black text looks on a background with the Hex color 405872.

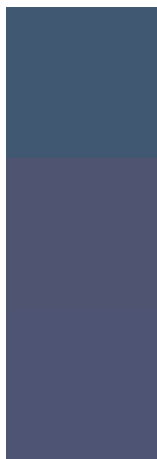


This preview shows how white text looks on a background with the Hex color 405872.

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

405872

Protanopia

4F5570

Deuteranopia

4E5473

Trichromacy



Original Color
405872

Protanomaly
4A5671

Deuteranomaly
495573

Tritanomaly
3D5A68

Monochromacy



Original Color
405872

Achromatopsia
545454

Achromatomaly
4D555F

CSS Examples

Text

The CSS property to change the color of the text to Hex 405872 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 #405872 looks like.

```
.text, #text, p{  
    color:#405872  
}
```

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 #405872 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #405872
}
```

Border

The CSS property to change the border of an element to Hex 405872 is called "border". The border property can be set on classes, ids or directly on the HTML element.

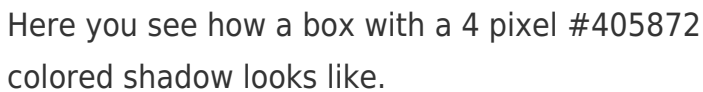
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#405872 }
```

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

```
.border{ border-color:#405872 }
```

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



Here you see how a box with a 4 pixel #405872 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #405872; -webkit-box-shadow:4px 4px  
4px 4px #405872; box-shadow:4px 4px 4px  
4px #405872 }
```

Background

The CSS property to change the background color of an element to Hex 405872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#405872 }
```

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

```
.background{ background-color:#405872 }
```

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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