

Converting Colors

Hex(404680)

Have a look what the booklet for
Hex(404680) contains.

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Color

Hex(404680)

Conversions

Conversions Part 1

Format	Color
Hex	404680
RGB	64, 70, 128
RGB Percent	25%, 27%, 50%
CMY	0.7490, 0.7255, 0.4980
CMYK	0.50, 0.45, 0.00, 0.50
HSL	234°, 33%, 38%
HSV	234°, 50%, 50%
XYZ	8.2008, 7.0288, 21.3465
YIQ	74.8180, -22.1940, 16.7660

Conversions

Conversions Part 2

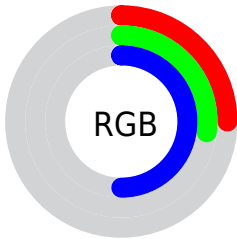
Format	Color
R_{YB}	64, 69, 128
Decimal	4212352
CIE _{Lab}	31.87, 14.59, -33.65
CIE _{LCh}	32, 36.676, 293.448
Yxy	7.0288, 0.2242, 0.1922
Android (android.graphics.Color)	4282402432 (0xFF404680)
YUV	74.8180, 26.2187, -9.4874
Hunter-Lab	26.5119, 8.8186, -29.1801

Details

The Hex color **404680** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **807A40**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7476B5**, and **061B4E** is the 20% darker color. If you saturate the color by 10%, you get **333A80**, and if you desaturate by 10%, it is **4D5280**.

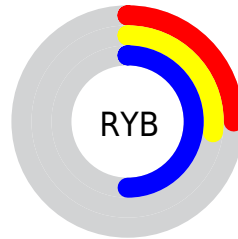
Distribution



Red (25%)

Green (27%)

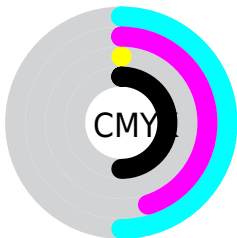
Blue (50%)



Red (25%)

Yellow (27%)

Blue (50%)

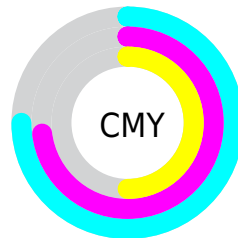


Cyan (50%)

Magenta (45%)

Yellow (0%)

Black (50%)



Cyan (75%)

Magenta (73%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 404680 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 404680 by changing the saturation by 10% instead.

■ 404680

■ 404680

FFFFFF

■ 263067

■ 7476B5

■ 061B4E

■ 8E90D1

■ 000037

■ AAAAED

■ 000221

■ C6C5FF

■ 000006

■ E2E1FF

■ 000000

FFFEFF

■ 404680

■ 404680

■ 333A80

■ 4D5280

■ 262F80

■ 5A5D80

■ 1A2380

■ 666980

■ 0D1880

■ 737480

■ 000C80

■ 808080

■ 8D8C80

■ 9A9780

■ A6A380

■ B3AE80

Harmonies

Analogous

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



005084



404680



683A6E

Triad

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



404680



743C1D



005843

Complementary

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



404680



807A40

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.



1E5627



404680



5F470C

Square

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



404680



7F3236



445011



005961

Rectangle

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



404680



77335C



445011



00583A

Sweetspot

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



404680



8D8FA6



40807A



454654



D4D4D4



545454

Same Dimension

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



404680



424CA6



5A4080



393A40



000C80



000000

Inverse Universe

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



804046



A6424C



668040



40393A



80000C



000000

Previews

White Background



This preview shows how the Hex color 404680 looks on a white background.

Color Contrast Check

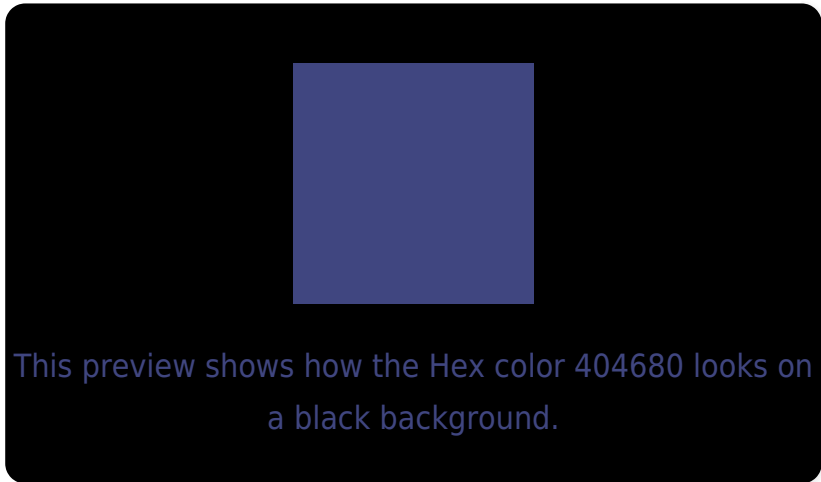
Large Text (above 18pt) WCAG AA ✓ Pass

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

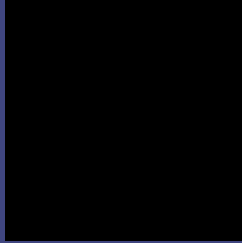
Any Text WCAG AA × Fail

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 404680 Background



This preview shows how black text looks on a background with the Hex color 404680.



This preview shows how white text looks on a background with the Hex color 404680.

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](#).

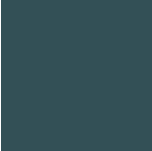
Dichromacy



Original Color
404680

Protanopia
314983

Deuteranopia
264C7F



Tritanopia
335056

Trichromacy



Original Color
404680

Protanomaly
364882

Deuteranomaly
2F4A7F

Tritanomaly
384C65

Monochromacy



Original Color
404680

Achromatopsia
4B4B4B

Achromatomaly
47495E

CSS Examples

Text

The CSS property to change the color of the text to Hex 404680 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 #404680 looks like.

```
.text, #text, p{  
    color:#404680  
}
```

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 #404680 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #404680
}
```

Border

The CSS property to change the border of an element to Hex 404680 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
#404680 }
```

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

```
.border{ border-color:#404680 }
```

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

Here you see how a box with a 4 pixel #404680 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #404680; -webkit-box-shadow:4px 4px  
4px 4px #404680; box-shadow:4px 4px 4px  
4px #404680 }
```

Background

The CSS property to change the background color of an element to Hex 404680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#404680 }
```

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

```
.background{ background-color:#404680 }
```

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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