

Converting Colors

Hex(484076)

Have a look what the booklet for
Hex(484076) contains.

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Color

Hex(484076)

Conversions

Conversions Part 1

Format	Color
Hex	484076
RGB	72, 64, 118
RGB Percent	28%, 25%, 46%
CMY	0.7176, 0.7490, 0.5373
CMYK	0.39, 0.46, 0.00, 0.54
HSL	249°, 30%, 36%
HSV	249°, 46%, 46%
XYZ	7.7759, 6.3525, 17.9559
YIQ	72.5480, -12.5660, 18.4900

Conversions

Conversions Part 2

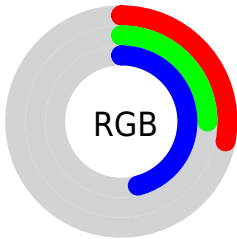
Format	Color
R_YB	72, 64, 118
Decimal	4735094
CIE Lab	30.28, 17.55, -29.87
CIE LCh	30, 34.650, 300.437
Yxy	6.3525, 0.2424, 0.1980
Android (android.graphics.Color)	4282925174 (0xFF484076)
YUV	72.5480, 22.4078, -0.4806
Hunter-Lab	25.2042, 10.9628, -24.5962

Details

The Hex color **484076** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6E7640**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **7B70AB**, and **171545** is the 20% darker color. If you saturate the color by 10%, you get **3E3476**, and if you desaturate by 10%, it is **524C76**.

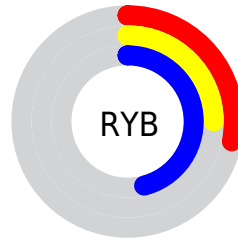
Distribution



Red (28%)

Green (25%)

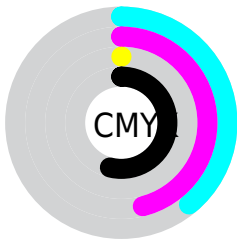
Blue (46%)



Red (28%)

Yellow (25%)

Blue (46%)

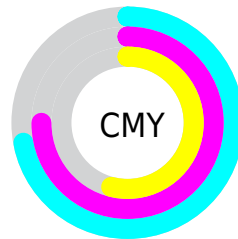


Cyan (39%)

Magenta (46%)

Yellow (0%)

Black (54%)



Cyan (72%)

Magenta (75%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 484076 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 484076 by changing the saturation by 10% instead.

■ 484076

■ 484076

FFFFFF

■ 302A5D

■ 7B70AB

■ 171545

■ 9589C6

■ 04002F

■ B0A4E2

■ 000119

■ CCBFFF

■ 000000

■ E9DAFF

■ FFF7FF

■ 484076

■ 484076

■ 3E3476

■ 524C76

■ 342876

■ 5C5876

■ 2A1D76

■ 666376

■ 201176

■ 706F76

■ 160576

■ 7A7B76

■ 110076

■ 848776

■ 8E9376

■ 989E76

■ A2AA76

Harmonies

Analogous

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



004A7D



484076



683562

Triad

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



484076



6A3C18



005447

Complementary

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



484076



6E7640

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.



10522B



484076



55460C

Square

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



484076



77322E



3A4E15



005462

Rectangle

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



484076



742F51



3A4E15



00543D

Sweetspot

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



484076



878499



406F76



413F4D



CCCCCC



4D4D4D

Same Dimension

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



484076



514599



624076



36353B



12007A



2500FA

Inverse Universe

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



76406E



99458D



547640



3B353A



7A0068



FA00D5

Previews

White Background



This preview shows how the Hex color 484076 looks on a white background.

Color Contrast Check

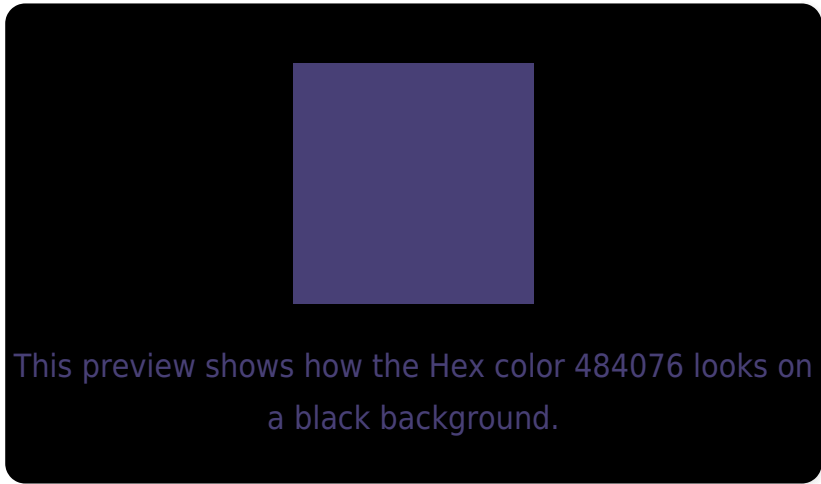
Large Text (above 18pt) WCAG AA ✓ Pass

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

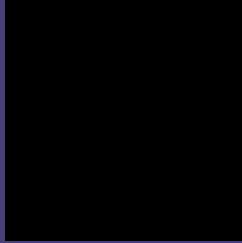
Any Text WCAG AA × Fail

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 484076 Background



This preview shows how black text looks on a background with the Hex color 484076.



This preview shows how white text looks on a background with the Hex color 484076.

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](#).

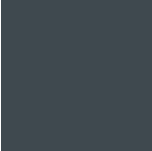
Dichromacy



Original Color
484076

Protanopia
30467B

Deuteranopia
2C4874



Tritanopia
3F494F

Trichromacy



Original Color
484076

Protanomaly
394479

Deuteranomaly
364575

Tritanomaly
42465D

Monochromacy



Original Color
484076

Achromatopsia
494949

Achromatomaly
494659

CSS Examples

Text

The CSS property to change the color of the text to Hex 484076 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 #484076 looks like.

```
.text, #text, p{  
    color:#484076  
}
```

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 #484076 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #484076
}
```

Border

The CSS property to change the border of an element to Hex 484076 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
#484076 }
```

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

```
.border{ border-color:#484076 }
```

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

Here you see how a box with a 4 pixel #484076 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #484076; -webkit-box-shadow:4px 4px  
4px 4px #484076; box-shadow:4px 4px 4px  
4px #484076 }
```

Background

The CSS property to change the background color of an element to Hex 484076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#484076 }
```

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

```
.background{ background-color:#484076 }
```

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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