

Converting Colors

Hex(484783)

Have a look what the booklet for
Hex(484783) contains.

Hex(484783)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(484783)

Conversions

Conversions Part 1	
Format	Color
Hex	484783
RGB	72, 71, 131
RGB Percent	28%, 28%, 51%
CMY	0.7176, 0.7216, 0.4863
CMYK	0.45, 0.46, 0.00, 0.49
HSL	241°, 30%, 40%
HSV	241°, 46%, 51%
XYZ	9.0225, 7.5229, 22.4493
YIQ	78.1390, -18.6640, 18.8720

Conversions

Conversions Part 2

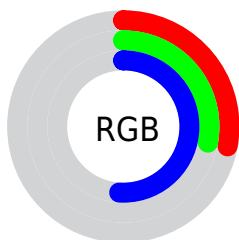
Format	Color
RYB	72, 71, 131
Decimal	4736899
CIELab	32.97, 17.01, -33.72
CIELCh	33, 37.772, 296.771
Yxy	7.5229, 0.2314, 0.1929
Android (android.graphics.Color)	4282926979 (0xFF484783)
YUV	78.1390, 26.0605, -5.3839
Hunter-Lab	27.4279, 10.7192, -29.3283

Details

The Hex color **484783** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **828347**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **7C77B8**, and **131C51** is the 20% darker color. If you saturate the color by 10%, you get **3B3A83**, and if you desaturate by 10%, it is **555483**.

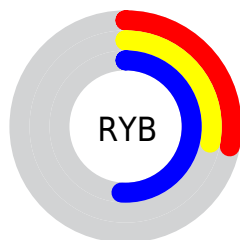
Distribution



Red (28%)

Green (28%)

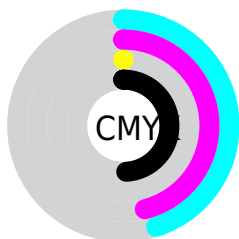
Blue (51%)



Red (28%)

Yellow (28%)

Blue (51%)

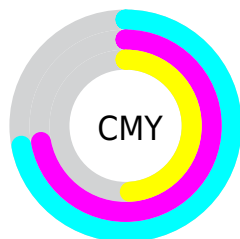


Cyan (45%)

Magenta (46%)

Yellow (0%)

Black (49%)



Cyan (72%)

Magenta (72%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 484783 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 484783 by changing the saturation by 10% instead.

 484783

 484783

FFFFFF

 2F316A

 7C77B8

 131C51

 9691D4

 00033A

 B2ACF1

 000223

 CEC7FF

 00000B

 EBE3FF

 000000

 484783

 484783

 3B3A83

 555483

 2E2D83

 626183

 212083

 6F6E83

 141383

 7C7B83

 080683

 888983

 020083

 959683

 A2A383

 AFB083

 BCBD83

Harmonies

Analogous

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



005289



484783



6F3A6F

Triad

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



484783



763F1B



005C49

Complementary

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



484783



828347

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.



18592B



484783



604B0B

Square

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



484783



823434



435413



005C68

Rectangle

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



484783



7D335C



435413



005B3F

Sweetspot

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



484783



9393AB



478283



484857



D6D6D6



575757

Same Dimension

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



484783



4E4DAB



664783



3C3C42



020082



000003

Inverse Universe

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



834782



AB4DA9



648347



423C42



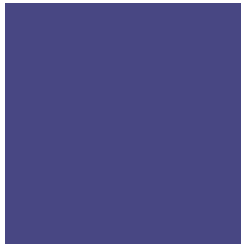
820080



030003

Previews

White Background



This preview shows how the Hex color 484783 looks on a white background.

Color Contrast Check

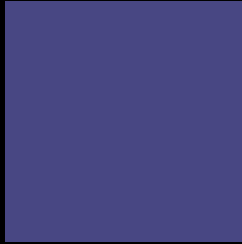
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Hex color 484783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

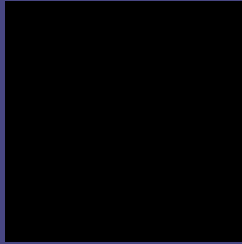
Any Text WCAG AA × Fail

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 484783 Background



This preview shows how black text looks on a background with the Hex color 484783.



This preview shows how white text looks on a background with the Hex color 484783.

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
484783

Protanopia
324C87





Deuteranopia
2B4E81






Tritanopia

3C5157

Trichromacy

	Original Color 484783
	Protanomaly 3A4A86
	Deuteranomaly 364B82
	Tritanomaly 404D67

Monochromacy

	Original Color 484783
	Achromatopsia 4E4E4E
	Achromatomaly 4C4B61

CSS Examples

Text

The CSS property to change the color of the text to Hex 484783 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 #484783 looks like.

```
.text, #text, p{  
    color:#484783  
}
```

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 #484783 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #484783
}
```

Border

The CSS property to change the border of an element to Hex 484783 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
#484783 }
```

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

```
.border{ border-color:#484783 }
```

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

Here you see how a box with a 4 pixel #484783 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #484783; -webkit-box-shadow:4px 4px  
4px 4px #484783; box-shadow:4px 4px 4px  
4px #484783 }
```

Background

The CSS property to change the background color of an element to Hex 484783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#484783 }
```

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

```
.background{ background-color:#484783 }
```

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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