

Converting Colors

Hex(484360)

Have a look what the booklet for
Hex(484360) contains.

Hex(484360)	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(484360)

Conversions

Conversions Part 1

Format	Color
Hex	484360
RGB	72, 67, 96
RGB Percent	28%, 26%, 38%
CMY	0.7176, 0.7373, 0.6235
CMYK	0.25, 0.30, 0.00, 0.62
HSL	250°, 18%, 32%
HSV	250°, 30%, 38%
XYZ	6.7910, 6.2366, 11.9122
YIQ	71.8010, -6.3290, 10.0790

Conversions

Conversions Part 2

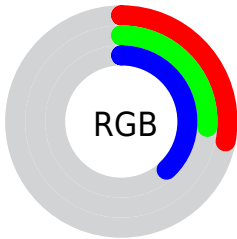
Format	Color
R_{YB}	72, 67, 96
Decimal	4735840
CIE _{Lab}	30.00, 9.19, -16.34
CIE _{LCh}	30, 18.750, 299.360
Yxy	6.2366, 0.2723, 0.2501
Android (android.graphics.Color)	4282925920 (0xFF484360)
YUV	71.8010, 11.9301, 0.1745
Hunter-Lab	24.9731, 4.8368, -10.8002

Details

The Hex color **484360** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5B6043**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **797393**, and **1B1832** is the 20% darker color. If you saturate the color by 10%, you get **403960**, and if you desaturate by 10%, it is **504D60**.

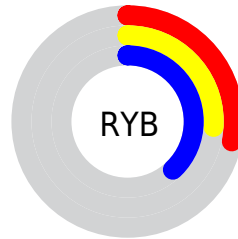
Distribution



Red (28%)

Green (26%)

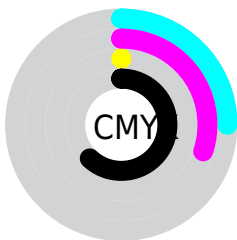
Blue (38%)



Red (28%)

Yellow (26%)

Blue (38%)

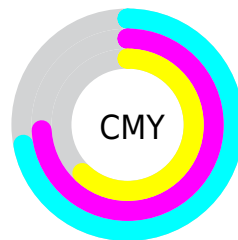


Cyan (25%)

Magenta (30%)

Yellow (0%)

Black (62%)



Cyan (72%)

Magenta (74%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 484360 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 484360 by changing the saturation by 10% instead.

■ 484360

■ 484360

FFFFFF

■ 312D48

■ 797393

■ 1B1832

■ 938CAD

■ 05001D

■ AEA7C9

■ 000000

■ C9C2E5

■ E5DEFF

■ FFFBFF

■ 484360

■ 484360

■ 403960

■ 504D60

■ 383060

■ 585660

■ 302660

■ 606060

■ 281D60

■ 686960

■ 201360

■ 707360

■ 180960

■ 787D60

■ 110060

■ 808660

■ 889060

■ 909960

Harmonies

Analogous

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



324864



484360



593E56

Triad

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



484360



5D412E



1E4E46

Complementary

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



484360



5B6043

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.



304D37



484360



514629

Square

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



484360



633D39



424A2D



114E54

Rectangle

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



484360



603C4C



424A2D



244E41

Sweetspot

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



484360



74727D



435B60



3A3940



BFBFBF



404040

Same Dimension

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



484360



58507D



564360



2C2C30



130070



2900F0

Inverse Universe

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



60435B



7D5075



4D6043



302C30



70005D



F000C6

Previews

White Background



This preview shows how the Hex color 484360 looks on a white background.

Color Contrast Check

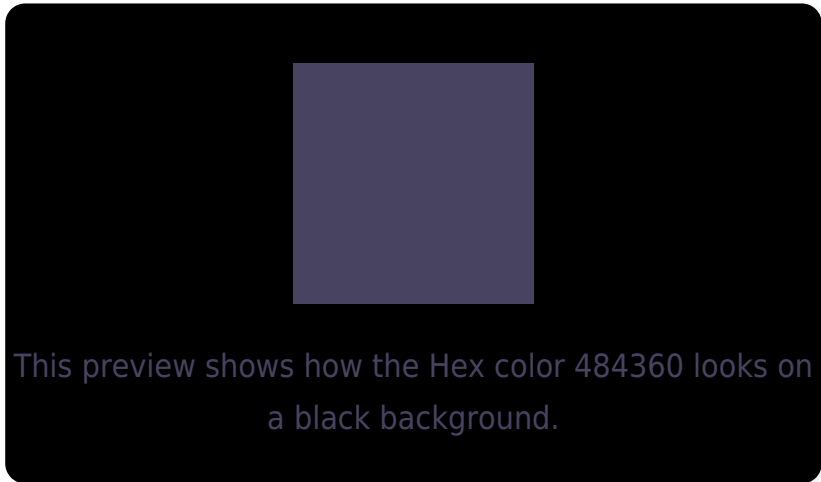
Large Text (above 18pt) WCAG AA ✓ Pass

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 484360 Background



This preview shows how black text looks on a background with the Hex color 484360.



This preview shows how white text looks on a background with the Hex color 484360.

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
484360

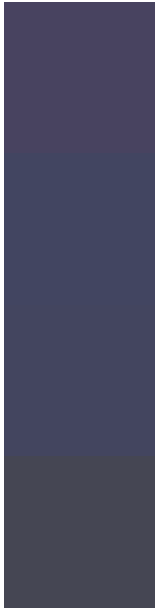
Protanopia
3E4662

Deuteranopia
40465F



Tritanopia
44474C

Trichromacy



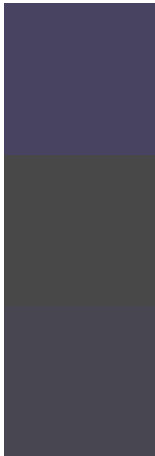
Original Color
484360

Protanomaly
424561

Deuteranomaly
43455F

Tritanomaly
454653

Monochromacy



Original Color
484360

Achromatopsia
484848

Achromatomaly
484651

CSS Examples

Text

The CSS property to change the color of the text to Hex 484360 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 #484360 looks like.

```
.text, #text, p{  
    color:#484360  
}
```

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 #484360 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #484360
}
```

Border

The CSS property to change the border of an element to Hex 484360 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
#484360 }
```

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

```
.border{ border-color:#484360 }
```

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

Here you see how a box with a 4 pixel #484360 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #484360; -webkit-box-shadow:4px 4px  
4px 4px #484360; box-shadow:4px 4px 4px  
4px #484360 }
```

Background

The CSS property to change the background color of an element to Hex 484360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#484360 }
```

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

```
.background{ background-color:#484360 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor