

Converting Colors

Hex(48486B)

Have a look what the booklet for
Hex(48486B) contains.

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Color

Hex(48486B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 48486B |
| RGB | 72, 72, 107 |
| RGB Percent | 28%, 28%, 42% |
| CMY | 0.7176, 0.7176, 0.5804 |
| CMYK | 0.33, 0.33, 0.00, 0.58 |
| HSL | 240°, 20%, 35% |
| HSV | 240°, 33%, 42% |
| XYZ | 7.6437, 7.0740, 14.8725 |
| YIQ | 75.9900, -11.2350, 10.8850 |

Conversions

Conversions Part 2

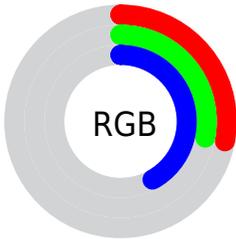
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 72, 72, 107 |
| Decimal | 4737131 |
| CIE _{Lab} | 31.97, 9.03, -20.29 |
| CIE _{LCh} | 32, 22.205, 294.002 |
| Yxy | 7.0740, 0.2583, 0.2391 |
| Android (android.graphics.Color) | 4282927211 (0xFF48486B) |
| YUV | 75.9900, 15.2879, -3.4992 |
| Hunter-Lab | 26.5970, 4.7544, -14.5359 |

Details

The Hex color **48486B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6B6B48**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7A789F**, and **1A1D3B** is the 20% darker color. If you saturate the color by 10%, you get **3D3D6B**, and if you desaturate by 10%, it is **53536B**.

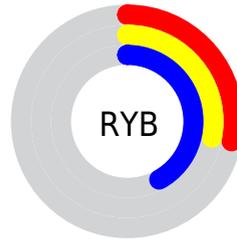
Distribution



 Red (28%)

 Green (28%)

 Blue (42%)



 Red (28%)

 Yellow (28%)

 Blue (42%)

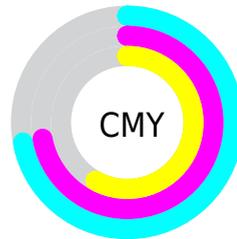


 Cyan (33%)

 Magenta (33%)

 Yellow (0%)

 Black (58%)



 Cyan (72%)

 Magenta (72%)

 Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48486B 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 48486B by changing the saturation by 10% instead.

48486B

48486B

FFFFFF

313253

7A789F

1A1D3B

9492BA

050226

AFADD5

00010F

CAC8F2

000000

E6E4FF

48486B

48486B

3D3D6B

53536B

33336B

5D5D6B

■ 28286B

■ 68686B

■ 1D1D6B

■ 73736B

■ 12126B

■ 7E7E6B

■ 08086B

■ 88886B

■ 00006B

■ 93936B

■ 9E9E6B

■ A8A86B

Harmonies

Analogous

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



2B4E6E



48486B



5E4260

Triad

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



48486B



674330



1B5447

Complementary

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



48486B



6B6B48

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.



345236



48486B



5A4928

Square

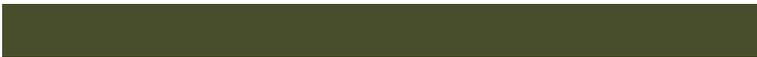
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



48486B



6D3E3E



484E2B



005459

Rectangle

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



48486B



673F55



484E2B



245441

Sweetspot

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



48486B



7E7E8C



486B6B



3F3F47



C7C7C7



474747

Same Dimension

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



48486B



56568C



5A486B



303036



000075



0000F5

Inverse Universe

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



6B486B



8C568C



5A6B48



363036



750075



F500F5

Previews

White Background



This preview shows how the Hex color 48486B looks on a white background.

Color Contrast Check

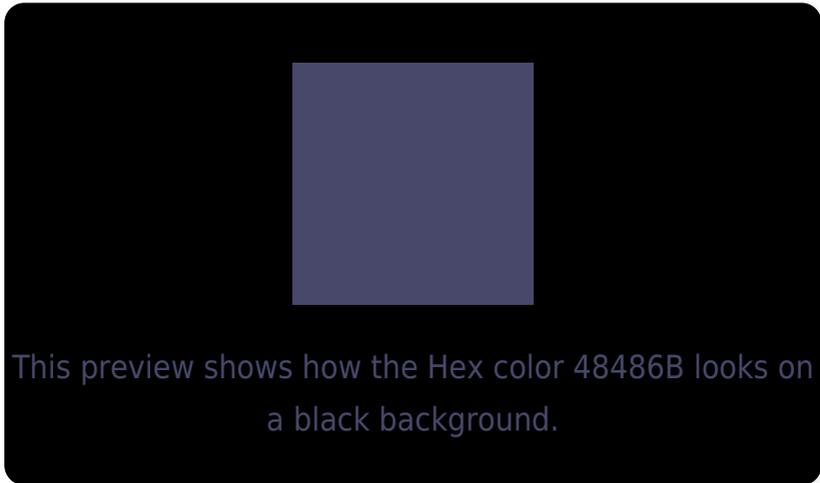
Large Text (above 18pt) WCAG AA ✓ Pass

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 48486B Background



This preview shows how black text looks on a background with the Hex color 48486B.



This preview shows how white text looks on a background with the Hex color 48486B.

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](#).

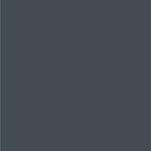
Dichromacy



Original Color
48486B

Protanopia
404A6D

Deuteranopia
404A6A



Tritanopia
434D53

Trichromacy



Original Color
48486B

Protanomaly
43496C

Deuteranomaly
43496A

Tritanomaly
454B5C

Monochromacy



Original Color
48486B

Achromatopsia
4C4C4C

Achromatomaly
4B4B57

CSS Examples

Text

The CSS property to change the color of the text to Hex 48486B 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 #48486B looks like.

```
.text, #text, p{  
    color:#48486B  
}
```

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 #48486B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48486B
}
```

Border

The CSS property to change the border of an element to Hex 48486B 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
#48486B }
```

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

```
.border{ border-color:#48486B }
```

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

Here you see how a box with a 4 pixel #48486B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48486B; -webkit-box-shadow:4px 4px  
4px 4px #48486B; box-shadow:4px 4px 4px  
4px #48486B }
```

Background

The CSS property to change the background color of an element to Hex 48486B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48486B }
```

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

```
.background{ background-color:#48486B }
```

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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