

Converting Colors

Hex(48546B)

Have a look what the booklet for
Hex(48546B) contains.

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Color

Hex(48546B)

Conversions

Conversions Part 1

Format	Color
Hex	48546B
RGB	72, 84, 107
RGB Percent	28%, 33%, 42%
CMY	0.7176, 0.6706, 0.5804
CMYK	0.33, 0.21, 0.00, 0.58
HSL	219°, 20%, 35%
HSV	219°, 33%, 42%
XYZ	8.4967, 8.7799, 15.1568
YIQ	83.0340, -14.5350, 4.6090

Conversions

Conversions Part 2

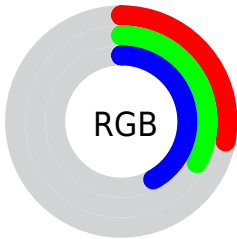
Format	Color
R_{YB}	72, 81, 107
Decimal	4740203
CIE _{Lab}	35.56, 1.34, -14.76
CIE _{LCh}	36, 14.821, 275.179
Yxy	8.7799, 0.2620, 0.2707
Android (android.graphics.Color)	4282930283 (0xFF48546B)
YUV	83.0340, 11.8152, -9.6768
Hunter-Lab	29.6309, -0.6692, -9.5864

Details

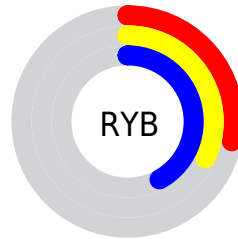
The Hex color **48546B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6B5F48**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **79859E**, and **1A273C** is the 20% darker color. If you saturate the color by 10%, you get **3D4D6B**, and if you desaturate by 10%, it is **535B6B**.

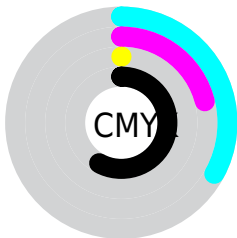
Distribution



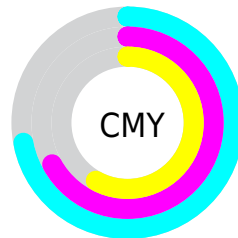
- Red (28%)
- Green (33%)
- Blue (42%)



- Red (28%)
- Yellow (32%)
- Blue (42%)



- Cyan (33%)
- Magenta (21%)
- Yellow (0%)
- Black (58%)



- Cyan (72%)
- Magenta (67%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48546B 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 48546B by changing the saturation by 10% instead.

■ 48546B

■ 48546B

FFFFFF

■ 313D53

■ 79859E

■ 1A273C

■ 93A0B9

■ 031326

■ AEBAD5

■ 000110

■ CAD6F1

■ 000000

■ E6F3FF

■ 48546B

■ 48546B

■ 3D4D6B

■ 535B6B

■ 33466B

■ 5D626B

■ 283F6B

■ 68696B

■ 1D386B

■ 73706B

■ 12316B

■ 7E776B

■ 082A6B

■ 887E6B

■ 00256B

■ 93856B

■ 9E8C6B

■ A8936B

Harmonies

Analogous

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



395869



48546B



585067

Triad

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



48546B



6B4C47



405949

Complementary

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



48546B



6B5F48

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.



4D5740



48546B



65503E

Square

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



48546B



6B4B52



5A543C



355A55

Rectangle

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



48546B



614D61



5A543C



445946

Sweetspot

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



48546B



7E838C



486B5F



3F4247



C7C7C7



474747

Same Dimension

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



48546B



56688C



4D486B



303236



002875



0054F5

Inverse Universe

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



6B4854



8C5668



666B48



363032



750028



F50054

Previews

White Background



This preview shows how the Hex color 48546B looks on a white background.

Color Contrast Check

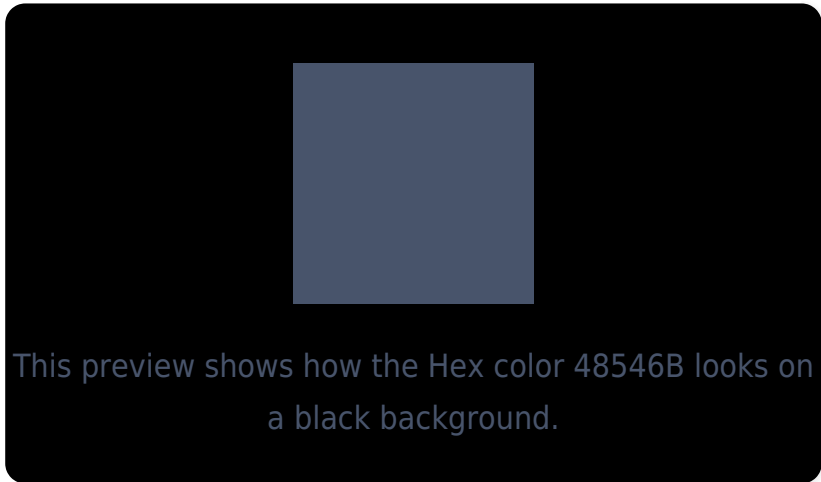
Large Text (above 18pt) WCAG AA ✓ Pass

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

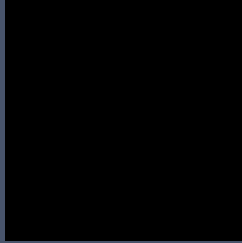
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

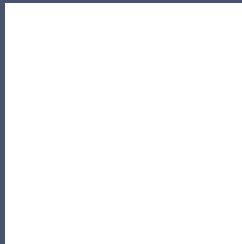
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 48546B Background



This preview shows how black text looks on a background with the Hex color 48546B.

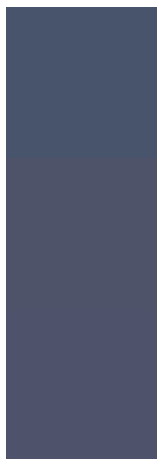


This preview shows how white text looks on a background with the Hex color 48546B.

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](#).

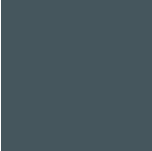
Dichromacy



Original Color
48546B

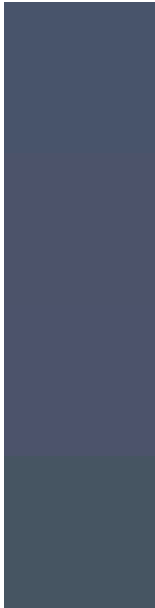
Protanopia
4E536A

Deuteranopia
4F526B



Tritanopia
45565D

Trichromacy



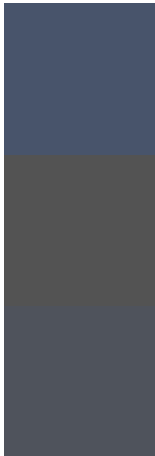
Original Color
48546B

Protanomaly
4C536A

Deuteranomaly
4C536B

Tritanomaly
465562

Monochromacy



Original Color
48546B

Achromatopsia
535353

Achromatomaly
4F535C

CSS Examples

Text

The CSS property to change the color of the text to Hex 48546B 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 #48546B looks like.

```
.text, #text, p{  
    color:#48546B  
}
```

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 #48546B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48546B
}
```

Border

The CSS property to change the border of an element to Hex 48546B 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
#48546B }
```

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

```
.border{ border-color:#48546B }
```

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

Here you see how a box with a 4 pixel #48546B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48546B; -webkit-box-shadow:4px 4px  
4px 4px #48546B; box-shadow:4px 4px 4px  
4px #48546B }
```

Background

The CSS property to change the background color of an element to Hex 48546B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48546B }
```

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

```
.background{ background-color:#48546B }
```

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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