

Converting Colors

Hex(4D546E)

Have a look what the booklet for
Hex(4D546E) contains.

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Color

Hex(4D546E)

Conversions

Conversions Part 1

Format	Color
Hex	4D546E
RGB	77, 84, 110
RGB Percent	30%, 33%, 43%
CMY	0.6980, 0.6706, 0.5686
CMYK	0.30, 0.24, 0.00, 0.57
HSL	227°, 18%, 37%
HSV	227°, 30%, 43%
XYZ	9.0454, 9.0442, 16.0208
YIQ	84.8710, -12.5180, 6.6020

Conversions

Conversions Part 2

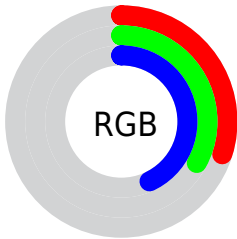
Format	Color
R_{YB}	77, 83, 110
Decimal	5067886
CIE _{Lab}	36.07, 3.84, -15.81
CIE _{LCh}	36, 16.271, 283.659
Yxy	9.0442, 0.2652, 0.2651
Android (android.graphics.Color)	4283257966 (0xFF4D546E)
YUV	84.8710, 12.3886, -6.9029
Hunter-Lab	30.0736, 1.0594, -10.5335

Details

The Hex color **4D546E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6E674D**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **7F85A2**, and **1F273E** is the 20% darker color. If you saturate the color by 10%, you get **424B6E**, and if you desaturate by 10%, it is **585D6E**.

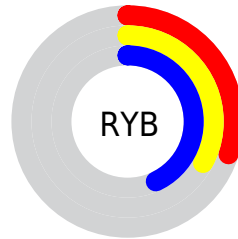
Distribution



Red (30%)

Green (33%)

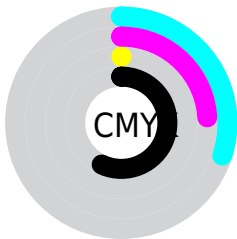
Blue (43%)



Red (30%)

Yellow (33%)

Blue (43%)

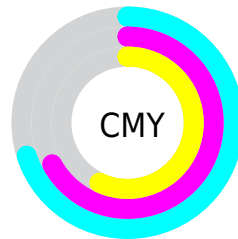


Cyan (30%)

Magenta (24%)

Yellow (0%)

Black (57%)



Cyan (70%)

Magenta (67%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D546E 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 4D546E by changing the saturation by 10% instead.

■ 4D546E

■ 4D546E

FFFFFF

■ 363D56

■ 7F85A2

■ 1F273E

■ 99A0BD

■ 091328

■ B4BBD9

■ 000113

■ D0D6F5

■ 000000

■ ECF3FF

■ 4D546E

■ 4D546E

■ 424B6E

■ 585D6E

■ 37436E

■ 63656E

■ 2C3A6E

■ 6E6E6E

■ 21316E

■ 79776E

■ 16296E

■ 847F6E

■ 0B206E

■ 8F886E

■ 00176E

■ 9A916E

■ A5996E

■ B0A26E

Harmonies

Analogous

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



3B586E



4D546E



5E4F68

Triad

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



4D546E



6D4E43



3B5C4D

Complementary

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



4D546E



6E674D

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.



4A5942



4D546E



65523C

Square

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



4D546E



6F4B4F



58563B



305C5B

Rectangle

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



4D546E



674D61



58563B



405B49

Sweetspot

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



4D546E



82858F



4D6E67



404147



C7C7C7



474747

Same Dimension

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



4D546E



5B668F



564D6E



323438



001978



0034F7

Inverse Universe

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



6E4D54



8F5B66



656E4D



383234



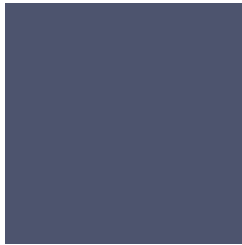
780019



F70034

Previews

White Background



This preview shows how the Hex color 4D546E looks on a white background.

Color Contrast Check

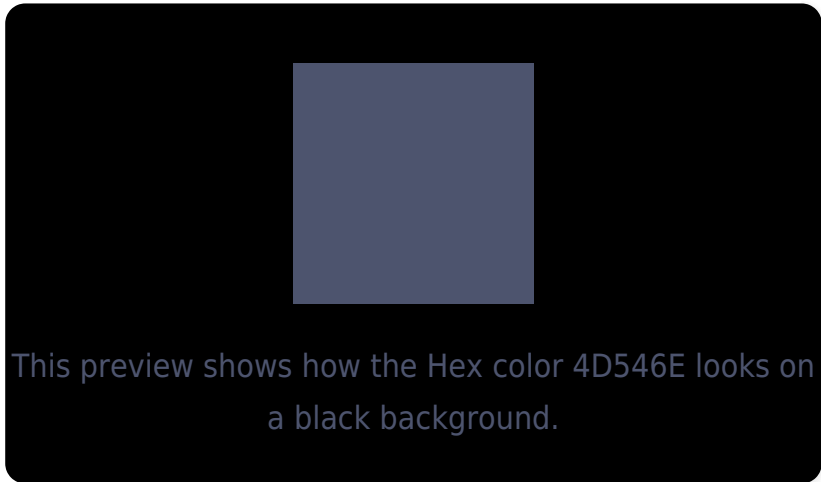
Large Text (above 18pt) WCAG AA ✓ Pass

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

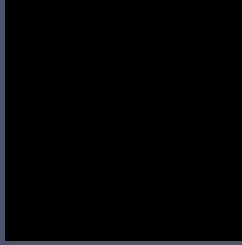
Any Text WCAG AA × Fail

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 4D546E Background



This preview shows how black text looks on a background with the Hex color 4D546E.

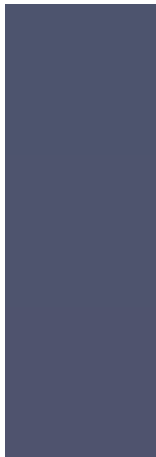


This preview shows how white text looks on a background with the Hex color 4D546E.

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
4D546E

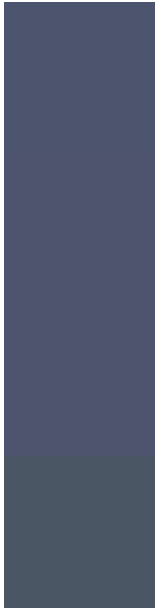
Protanopia
4E546E

Deuteranopia
4F536E



Tritanopia
4A575E

Trichromacy



Original Color

4D546E

Protanomaly

4E546E

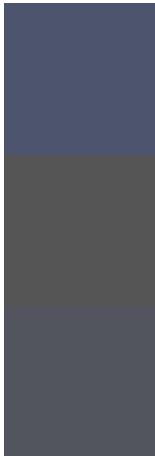
Deuteranomaly

4E536E

Tritanomaly

4B5664

Monochromacy



Original Color

4D546E

Achromatopsia

555555

Achromatomaly

52555E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D546E 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 #4D546E looks like.

```
.text, #text, p{  
    color:#4D546E  
}
```

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 #4D546E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D546E
}
```

Border

The CSS property to change the border of an element to Hex 4D546E 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
#4D546E }
```

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

```
.border{ border-color:#4D546E }
```

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

Here you see how a box with a 4 pixel #4D546E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D546E; -webkit-box-shadow:4px 4px  
4px 4px #4D546E; box-shadow:4px 4px 4px  
4px #4D546E }
```

Background

The CSS property to change the background color of an element to Hex 4D546E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D546E }
```

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

```
.background{ background-color:#4D546E }
```

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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