

Converting Colors

Hex(47566E)

Have a look what the booklet for
Hex(47566E) contains.

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Color

Hex(47566E)

Conversions

Conversions Part 1

Format	Color
Hex	47566E
RGB	71, 86, 110
RGB Percent	28%, 34%, 43%
CMY	0.7216, 0.6627, 0.5686
CMYK	0.35, 0.22, 0.00, 0.57
HSL	217°, 22%, 35%
HSV	217°, 35%, 43%
XYZ	8.7408, 9.1210, 16.0517
YIQ	84.2510, -16.6440, 4.2840

Conversions

Conversions Part 2

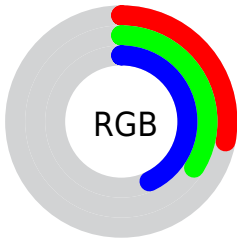
Format	Color
RYB	71, 82, 110
Decimal	4675182
CIELab	36.22, 0.62, -15.63
CIElCh	36, 15.638, 272.265
Yxy	9.1210, 0.2577, 0.2689
Android (android.graphics.Color)	4282865262 (0xFF47566E)
YUV	84.2510, 12.6943, -11.6211
Hunter-Lab	30.2009, -1.1899, -10.3718

Details

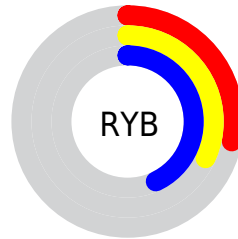
The Hex color **47566E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E5F47**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **7988A2**, and **19293E** is the 20% darker color. If you saturate the color by 10%, you get **3C4F6E**, and if you desaturate by 10%, it is **525D6E**.

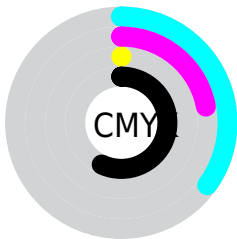
Distribution



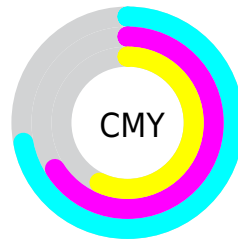
- Red (28%)
- Green (34%)
- Blue (43%)



- Red (28%)
- Yellow (32%)
- Blue (43%)



- Cyan (35%)
- Magenta (22%)
- Yellow (0%)
- Black (57%)



- Cyan (72%)
- Magenta (66%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47566E 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 47566E by changing the saturation by 10% instead.

■ 47566E

■ 47566E

FFFFFF

■ 303F56

■ 7988A2

■ 19293E

■ 93A2BD

■ 021528

■ AEBDD8

■ 000113

■ C9D9F5

■ 000000

■ E5F5FF

■ 47566E

■ 47566E

■ 3C4F6E

■ 525D6E

■ 31486E

■ 5D646E

■ 26426E

■ 686A6E

■ 1B3B6E

■ 73716E

■ 10346E

■ 7E786E

■ 052D6E

■ 897F6E

■ 002A6E

■ 94856E

■ 9F8C6E

■ AA936E

Harmonies

Analogous

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



375A6B



47566E



58526A

Triad

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



47566E



6E4D48



415B49

Complementary

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



47566E



6E5F47

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.



505840



47566E



68503F

Square

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



47566E



6E4C55



5D553C



355C56

Rectangle

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



47566E



624F65



5D553C



465A46

Sweetspot

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



47566E



7F858F



476E5E



3E4247



C7C7C7



474747

Same Dimension

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



47566E



51698F



4B476E



323538



002E78



005FF7

Inverse Universe

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



6E4756



8F5169



6A6E47



383235



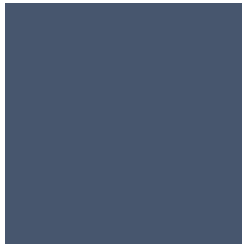
78002E



F7005F

Previews

White Background



This preview shows how the Hex color 47566E looks on a white background.

Color Contrast Check

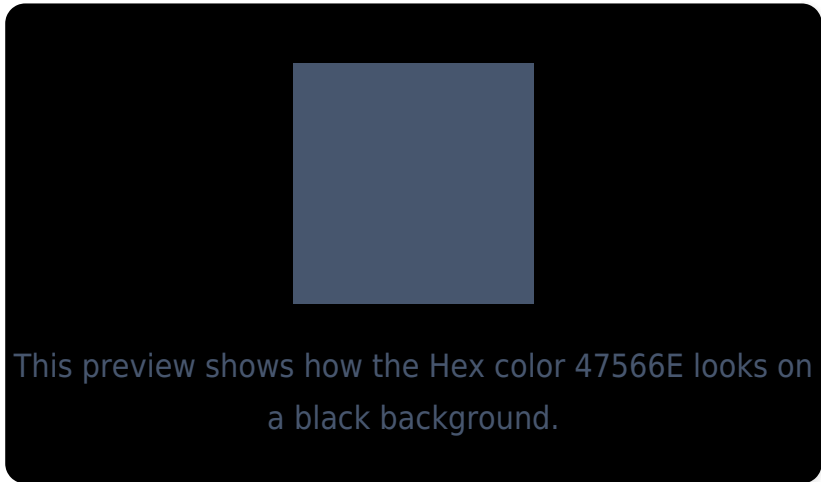
Large Text (above 18pt) WCAG AA ✓ Pass

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

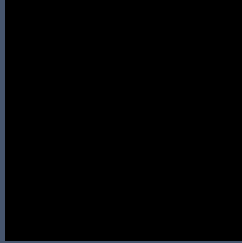
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

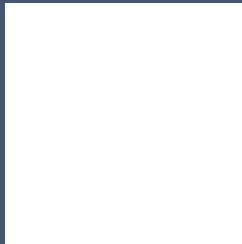
Any Text WCAG AAA × Fail

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

Hex 47566E Background



This preview shows how black text looks on a background with the Hex color 47566E.

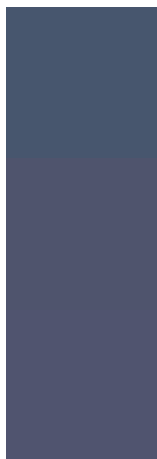


This preview shows how white text looks on a background with the Hex color 47566E.

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

47566E

Protanopia

4F546D

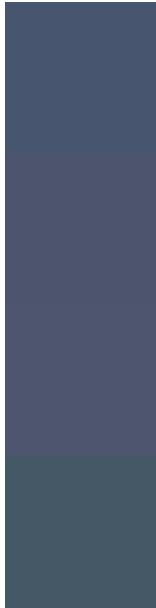
Deuteranopia

50546F



Tritanopia
445960

Trichromacy



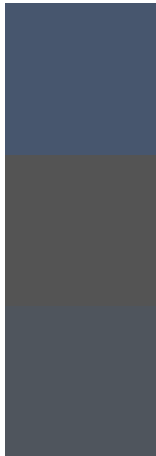
Original Color
47566E

Protanomaly
4C556D

Deuteranomaly
4D556F

Tritanomaly
455865

Monochromacy



Original Color
47566E

Achromatopsia
545454

Achromatomaly
4F555D

CSS Examples

Text

The CSS property to change the color of the text to Hex 47566E 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 #47566E looks like.

```
.text, #text, p{  
    color:#47566E  
}
```

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 #47566E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47566E
}
```

Border

The CSS property to change the border of an element to Hex 47566E is called "border". The border property can be set on classes, ids or directly on the HTML element.

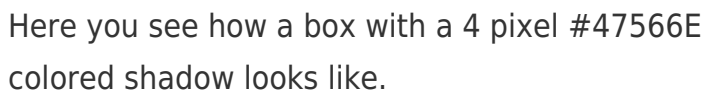
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#47566E }
```

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

```
.border{ border-color:#47566E }
```

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



Here you see how a box with a 4 pixel #47566E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47566E; -webkit-box-shadow:4px 4px  
4px 4px #47566E; box-shadow:4px 4px 4px  
4px #47566E }
```

Background

The CSS property to change the background color of an element to Hex 47566E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47566E }
```

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

```
.background{ background-color:#47566E }
```

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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