

Converting Colors

Hex(47565E)

Have a look what the booklet for
Hex(47565E) contains.

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Color

Hex(47565E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 47565E |
| RGB | 71, 86, 94 |
| RGB Percent | 28%, 34%, 37% |
| CMY | 0.7216, 0.6627, 0.6314 |
| CMYK | 0.24, 0.09, 0.00, 0.63 |
| HSL | 201°, 14%, 32% |
| HSV | 201°, 24%, 37% |
| XYZ | 7.9467, 8.8033, 11.8700 |
| YIQ | 82.4270, -11.5080, -0.6920 |

Conversions

Conversions Part 2

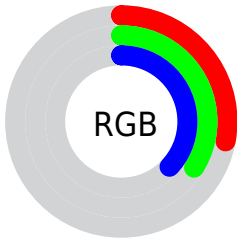
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 71, 80, 94 |
| Decimal | 4675166 |
| CIE Lab | 35.60, -3.79, -6.57 |
| CIE LCh | 36, 7.587, 240.020 |
| Yxy | 8.8033, 0.2777, 0.3076 |
| Android (android.graphics.Color) | 4282865246 (0xFF47565E) |
| YUV | 82.4270, 5.7055, -10.0215 |
| Hunter-Lab | 29.6704, -4.1150, -2.9505 |

Details

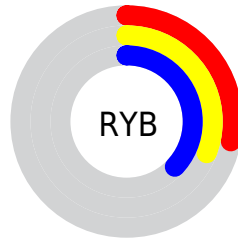
The Hex color **47565E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5E4F47**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **788890**, and **1B2930** is the 20% darker color. If you saturate the color by 10%, you get **3E535E**, and if you desaturate by 10%, it is **50595E**.

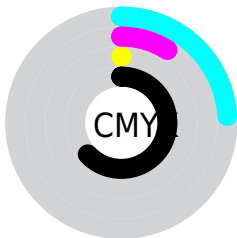
Distribution



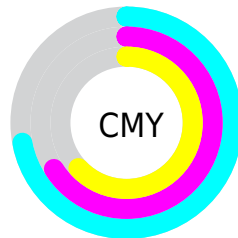
- Red (28%)
- Green (34%)
- Blue (37%)



- Red (28%)
- Yellow (31%)
- Blue (37%)



- Cyan (24%)
- Magenta (9%)
- Yellow (0%)
- Black (63%)



- Cyan (72%)
- Magenta (66%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47565E 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 47565E by changing the saturation by 10% instead.



47565E



47565E

FFFFFF



303F46



788890



1B2930



92A2AB



03151B



ACBDC6



000000



C8D9E2



E4F5FF



47565E



47565E



3E535E



50595E



344F5E



5A5D5E

■ 2B4C5E

■ 63605E

■ 21495E

■ 6D635E

■ 18465E

■ 76665E

■ 0F425E

■ 7F6A5E

■ 053F5E

■ 896D5E

■ 003D5E

■ 92705E

■ 9C735E

Harmonies

Analogous

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



44575A



47565E



4D5460

Triad

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



47565E



605054



525549

Complementary

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



47565E



5E4F47

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.



595348



47565E



61504E

Square

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



47565E



5C505A



5E5149



4B574E

Rectangle

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



47565E



52535F



5E5149



545548

Sweetspot

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



47565E



72777A



475E4F



383B3D



BDBDBD



3D3D3D

Same Dimension

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



47565E



576E7A



474B5E



292C2E



00486E



009BED

Inverse Universe

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



5E4756



7A576E



5E5A47



2E292C



6E0048



ED009B

Previews

White Background



This preview shows how the Hex color 47565E looks on a white background.

Color Contrast Check

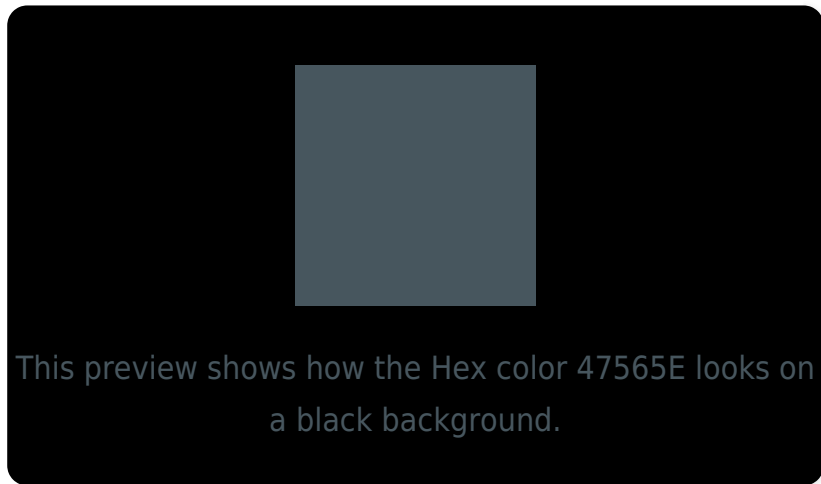
Large Text (above 18pt) WCAG AA ✓ Pass

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

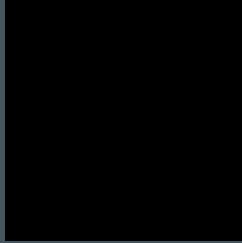
Any Text WCAG AA × Fail

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 47565E Background



This preview shows how black text looks on a background with the Hex color 47565E.



This preview shows how white text looks on a background with the Hex color 47565E.

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](#).

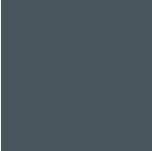
Dichromacy



Original Color
47565E

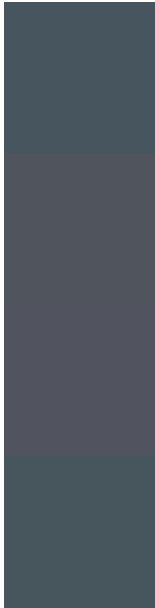
Protanopia
53535C

Deuteranopia
56515F



Tritanopia
47565D

Trichromacy



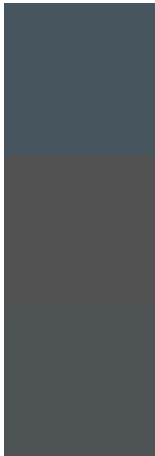
Original Color
47565E

Protanomaly
4F545D

Deuteranomaly
51535F

Tritanomaly
47565D

Monochromacy



Original Color
47565E

Achromatopsia
525252

Achromatomaly
4E5356

CSS Examples

Text

The CSS property to change the color of the text to Hex 47565E 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 #47565E looks like.

```
.text, #text, p{  
    color:#47565E  
}
```

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 #47565E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47565E
}
```

Border

The CSS property to change the border of an element to Hex 47565E is called "border". The border property can be set on classes, ids or directly on the HTML element.

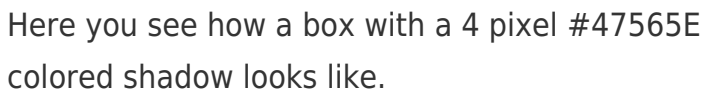
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#47565E }
```

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

```
.border{ border-color:#47565E }
```

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



Here you see how a box with a 4 pixel #47565E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47565E; -webkit-box-shadow:4px 4px  
4px 4px #47565E; box-shadow:4px 4px 4px  
4px #47565E }
```

Background

The CSS property to change the background color of an element to Hex 47565E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47565E }
```

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

```
.background{ background-color:#47565E }
```

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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