

# Converting Colors

Hex(46535E)

Have a look what the booklet for  
Hex(46535E) contains.

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# Color

**Hex(46535E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	46535E
RGB	70, 83, 94
RGB Percent	27%, 33%, 37%
CMY	0.7255, 0.6745, 0.6314
CMYK	0.26, 0.12, 0.00, 0.63
HSL	208°, 15%, 32%
HSV	208°, 26%, 37%
XYZ	7.6394, 8.2968, 11.7885
YIQ	80.3670, -11.2790, 0.6650

# Conversions

## Conversions Part 2

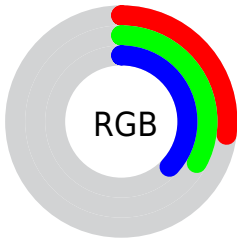
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 78, 94
Decimal	4608862
CIELab	34.59, -2.30, -8.09
CIElCh	35, 8.412, 254.165
Yxy	8.2968, 0.2755, 0.2993
Android (android.graphics.Color)	4282798942 (0xFF46535E)
YUV	80.3670, 6.7211, -9.0919
Hunter-Lab	28.8041, -3.0654, -4.1024

# Details

The Hex color **46535E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5E5146**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **778490**, and **1A2630** is the 20% darker color. If you saturate the color by 10%, you get **3D4F5E**, and if you desaturate by 10%, it is **4F575E**.

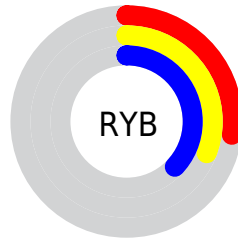
# Distribution



Red (27%)

Green (33%)

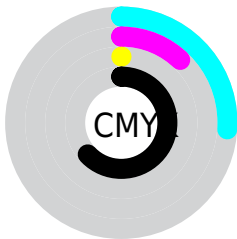
Blue (37%)



Red (27%)

Yellow (31%)

Blue (37%)

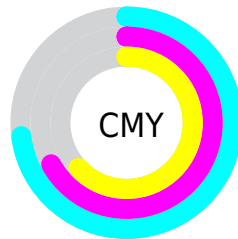


Cyan (26%)

Magenta (12%)

Yellow (0%)

Black (63%)



Cyan (73%)

Magenta (67%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 46535E 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 46535E by changing the saturation by 10% instead.





46535E



46535E

FFFFFF



2F3C46



778490



1A2630



919EAB



01121B



ABB9C6



000000



C7D5E2



E3F1FF



46535E



46535E



3D4F5E



4F575E



334A5E



595C5E

■ 2A465E

■ 62605E

■ 20425E

■ 6C645E

■ 173D5E

■ 75695E

■ 0E395E

■ 7E6D5E

■ 04355E

■ 88715E

■ 00335E

■ 91755E

■ 9B7A5E

# Harmonies

## Analogous

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



41555A



46535E



4E515E

# Triad

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



46535E



604D4E



4C5448

# Complementary

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



46535E



5E5146

# 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.



535244



46535E



5F4E48

# Square

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



46535E



5D4D55



5A5045



45554D

# Rectangle

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



46535E



544F5C



5A5045



4E5346



# Sweetspot

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



46535E



71767A



465E51



373A3D



BDBDBD



3D3D3D



# Same Dimension

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



46535E



54697A



46475E



292C2E



003B6E



0080ED



# Inverse Universe

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



5E4653



7A5469



5E5D46



2E292C



6E003B

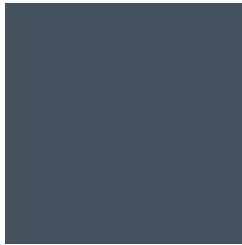


ED0080



# Previews

## White Background



This preview shows how the Hex color 46535E 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

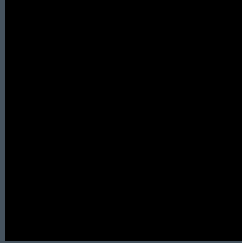
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

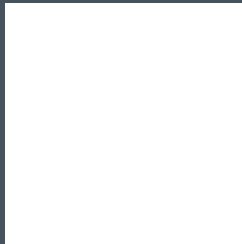
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 46535E Background



This preview shows how black text looks on a background with the Hex color 46535E.



This preview shows how white text looks on a background with the Hex color 46535E.

# 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](#).

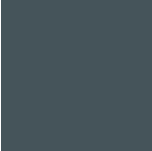
## Dichromacy



**Original Color**  
46535E

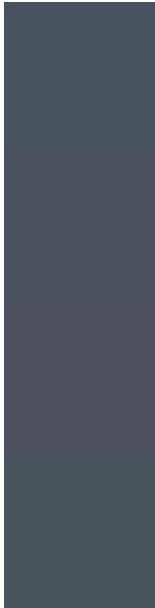
**Protanopia**  
4F515C

**Deuteranopia**  
534F5F



**Tritanopia**  
45545A

# Trichromacy



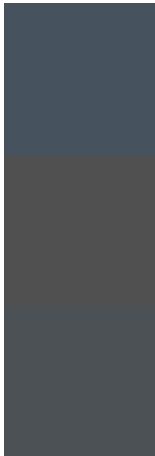
**Original Color**  
46535E

**Protanomaly**  
4C525D

**Deuteranomaly**  
4E505F

**Tritanomaly**  
45545B

# Monochromacy



**Original Color**  
46535E

**Achromatopsia**  
505050

**Achromatomaly**  
4C5155

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 46535E 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 #46535E looks like.

```
.text, #text, p{  
    color:#46535E  
}
```

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 #46535E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46535E
}
```

## Border

The CSS property to change the border of an element to Hex 46535E is called "border". The border property can be set on classes, ids or directly on the HTML element.

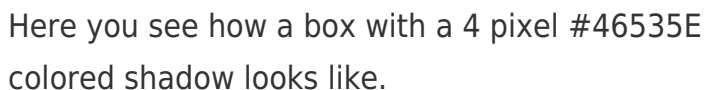
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#46535E }
```

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

```
.border{ border-color:#46535E }
```

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



Here you see how a box with a 4 pixel #46535E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46535E; -webkit-box-shadow:4px 4px  
4px 4px #46535E; box-shadow:4px 4px 4px  
4px #46535E }
```

# Background

The CSS property to change the background color of an element to Hex 46535E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46535E }
```

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

```
.background{ background-color:#46535E }
```

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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