

Converting Colors

Hex(46535F)

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

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Color

Hex(46535F)

Conversions

Conversions Part 1

Format	Color
Hex	46535F
RGB	70, 83, 95
RGB Percent	27%, 33%, 37%
CMY	0.7255, 0.6745, 0.6275
CMYK	0.26, 0.13, 0.00, 0.63
HSL	209°, 15%, 32%
HSV	209°, 26%, 37%
XYZ	7.6846, 8.3148, 12.0264
YIQ	80.4810, -11.6000, 0.9760

Conversions

Conversions Part 2

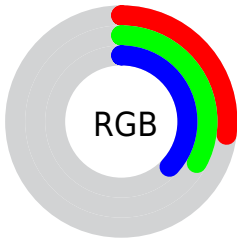
Format	Color
R_{YB}	70, 79, 95
Decimal	4608863
CIE _{Lab}	34.63, -2.03, -8.67
CIE _{LCh}	35, 8.901, 256.823
Yxy	8.3148, 0.2742, 0.2967
Android (android.graphics.Color)	4282798943 (0xFF46535F)
YUV	80.4810, 7.1579, -9.1918
Hunter-Lab	28.8354, -2.8920, -4.5432

Details

The Hex color **46535F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5F5246**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **778491**, and **1A2631** is the 20% darker color. If you saturate the color by 10%, you get **3D4E5F**, and if you desaturate by 10%, it is **50585F**.

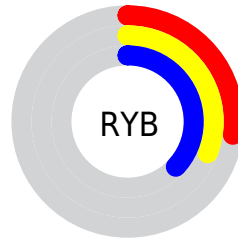
Distribution



Red (27%)

Green (33%)

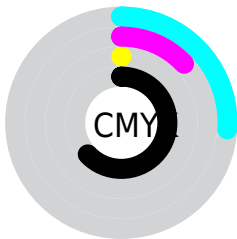
Blue (37%)



Red (27%)

Yellow (31%)

Blue (37%)

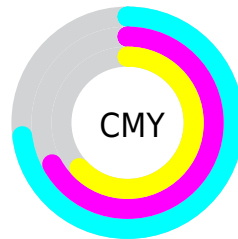


Cyan (26%)

Magenta (13%)

Yellow (0%)

Black (63%)



Cyan (73%)

Magenta (67%)

Yellow (63%)

Brightness & Saturation Gradients

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



46535F



46535F

FFFFFF



2F3C47



778491



1A2631



919EAC



01121C



ABB9C7



000000



C7D5E3



E3F1FF



46535F



46535F



3D4E5F



50585F



334A5F



595C5F

■ 2A455F

■ 63615F

■ 20415F

■ 6C655F

■ 173C5F

■ 766A5F

■ 0D385F

■ 7F6E5F

■ 04335F

■ 89735F

■ 00315F

■ 92775F

■ 9C7C5F

Harmonies

Analogous

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



40555B



46535F



4F515F

Triad

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



46535F



604D4E



4B5448

Complementary

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



46535F



5F5246

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



46535F



5F4E47

Square

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



46535F



5E4D55



5A5044



43554E

Rectangle

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



46535F



554F5D



5A5044



4D5446

Sweetspot

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



46535F



71767A



465F52



373A3D



BDBDBD



3D3D3D

Same Dimension

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



46535F



53687A



46475F



2C2E30



003A70



007DF0

Inverse Universe

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



5F4653



7A5368



5F5E46



302C2E



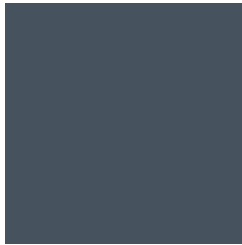
70003A



F0007D

Previews

White Background



This preview shows how the Hex color 46535F looks on a white background.

Color Contrast Check

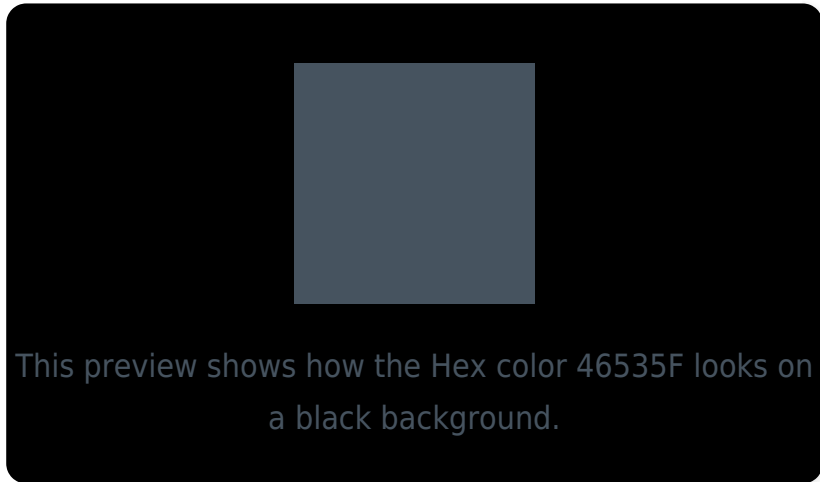
Large Text (above 18pt) WCAG AA ✓ Pass

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

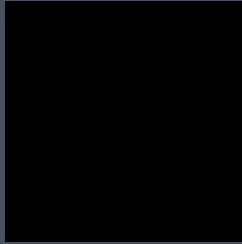
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

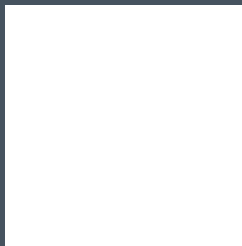
Any Text WCAG AAA × Fail

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

Hex 46535F Background



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

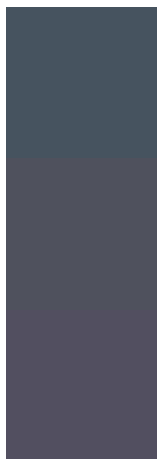


This preview shows how white text looks on a background with the Hex color 46535F.

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

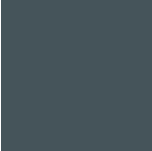
46535F

Protanopia

4F515D

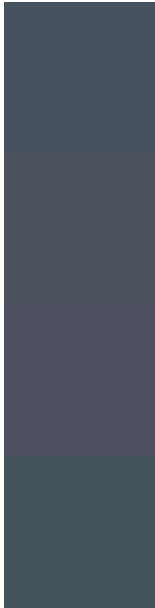
Deuteranopia

524F60



Tritanopia
45545A

Trichromacy



Original Color
46535F

Protanomaly
4C525E

Deuteranomaly
4E5060

Tritanomaly
45545C

Monochromacy



Original Color
46535F

Achromatopsia
505050

Achromatomaly
4C5155

CSS Examples

Text

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

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

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 #46535F colored shadow looks like.

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

Border

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

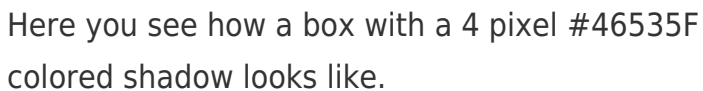
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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