

Converting Colors

Hex(46656A)

Have a look what the booklet for
Hex(46656A) contains.

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Color

Hex(46656A)

Conversions

Conversions Part 1

Format	Color
Hex	46656A
RGB	70, 101, 106
RGB Percent	27%, 40%, 42%
CMY	0.7255, 0.6039, 0.5843
CMYK	0.34, 0.05, 0.00, 0.58
HSL	188°, 20%, 35%
HSV	188°, 34%, 42%
XYZ	9.7810, 11.6501, 15.3688
YIQ	92.3010, -20.0810, -5.0170

Conversions

Conversions Part 2

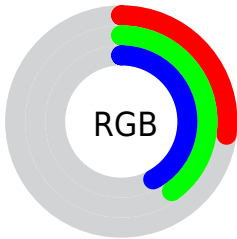
Format	Color
R_{YB}	70, 87, 106
Decimal	4613482
CIE _{Lab}	40.65, -9.89, -6.45
CIE _{LCh}	41, 11.812, 213.116
Yxy	11.6501, 0.2658, 0.3166
Android (android.graphics.Color)	4282803562 (0xFF46656A)
YUV	92.3010, 6.7536, -19.5580
Hunter-Lab	34.1322, -8.5800, -2.8042

Details

The Hex color **46656A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A4B46**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **78989D**, and **17363B** is the 20% darker color. If you saturate the color by 10%, you get **3B646A**, and if you desaturate by 10%, it is **51666A**.

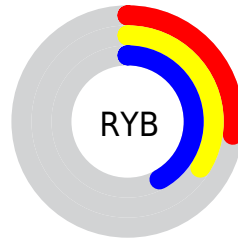
Distribution



Red (27%)

Green (40%)

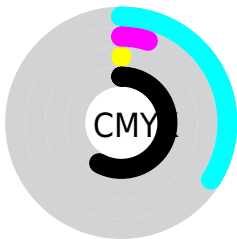
Blue (42%)



Red (27%)

Yellow (34%)

Blue (42%)

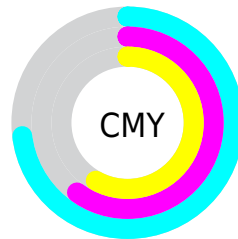


Cyan (34%)

Magenta (5%)

Yellow (0%)

Black (58%)



Cyan (73%)

Magenta (60%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46656A 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 46656A by changing the saturation by 10% instead.

46656A

46656A

FFFFFF

2E4D52

78989D

17363B

92B3B8

002125

ADCED4

000511

C8EAF0

000000

E5FFFF

46656A

46656A

3B646A

51666A

31626A

5B686A

■ 26616A

■ 66696A

■ 1C5F6A

■ 706B6A

■ 115E6A

■ 7B6C6A

■ 065C6A

■ 866E6A

■ 005B6A

■ 906F6A

■ 9B716A

■ A5726A

Harmonies

Analogous

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



496561



46656A



4B6371

Triad

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



46656A



6D5A69



665F4D

Complementary

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



46656A



6A4B46

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.



6F5C4F



46656A



73595F

Square

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



46656A



635D70



745A56



5C6250

Rectangle

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



46656A



526173



745A56



6A5E4D

Sweetspot

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



46656A



7C888A



466A4B



3D4445



C4C4C4



454545

Same Dimension

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



46656A



51828A



46536A



303536



006575



00D3F5

Inverse Universe

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



6A4665



8A5182



6A5D46



363035



750065



F500D3

Previews

White Background



This preview shows how the Hex color 46656A looks on a white background.

Color Contrast Check

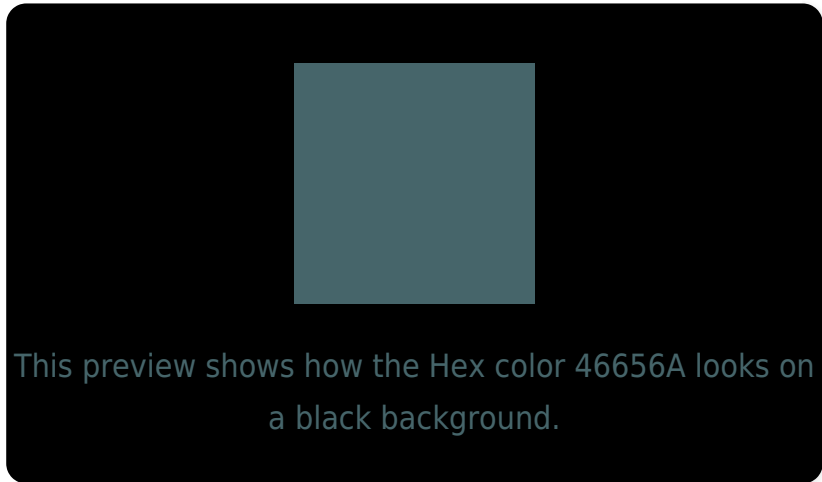
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

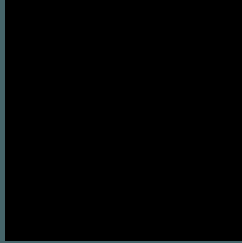
Any Text WCAG AA × Fail

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 46656A Background



This preview shows how black text looks on a background with the Hex color 46656A.

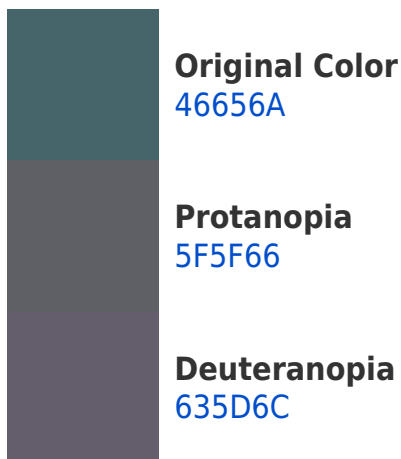



This preview shows how white text looks on a background with the Hex color 46656A.

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](#).

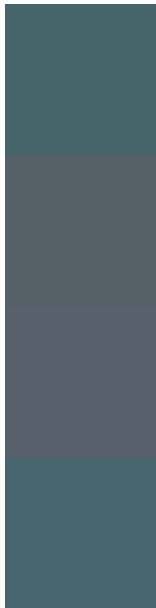
Dichromacy





Tritanopia
47656D

Trichromacy



Original Color
46656A

Protanomaly
566167

Deuteranomaly
58606B

Tritanomaly
47656C

Monochromacy



Original Color
46656A

Achromatopsia
5C5C5C

Achromatomaly
545F61

CSS Examples

Text

The CSS property to change the color of the text to Hex 46656A 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 #46656A looks like.

```
.text, #text, p{  
    color:#46656A  
}
```

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 #46656A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46656A
}
```

Border

The CSS property to change the border of an element to Hex 46656A 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".

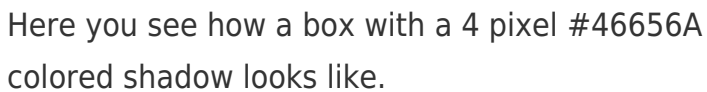
```
.border, #border, table{ border:4px solid
#46656A }
```

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

```
.border{ border-color:#46656A }
```

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

Here you see how a box with a 4 pixel #46656A colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46656A; -webkit-box-shadow:4px 4px  
4px 4px #46656A; box-shadow:4px 4px 4px  
4px #46656A }
```

Background

The CSS property to change the background color of an element to Hex 46656A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46656A }
```

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

```
.background{ background-color:#46656A }
```

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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