

Converting Colors

Hex(00546A)

Have a look what the booklet for
Hex(00546A) contains.

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Color

Hex(00546A)

Conversions

Conversions Part 1

Format	Color
Hex	00546A
RGB	0, 84, 106
RGB Percent	0%, 33%, 42%
CMY	1.0000, 0.6706, 0.5843
CMYK	1.00, 0.21, 0.00, 0.58
HSL	192°, 100%, 21%
HSV	192°, 100%, 42%
XYZ	5.7718, 7.3813, 14.7562
YIQ	61.3920, -57.1260, -10.9660

Conversions

Conversions Part 2

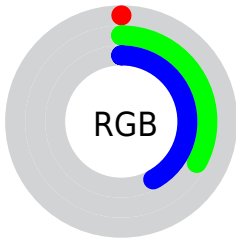
Format	Color
RYB	0, 47, 106
Decimal	21610
CIELab	32.66, -13.21, -18.84
CIELCh	33, 23.006, 234.957
Yxy	7.3813, 0.2068, 0.2645
Android (android.graphics.Color)	4278211690 (0xFF00546A)
YUV	61.3920, 21.9917, -53.8408
Hunter-Lab	27.1685, -9.6231, -13.1846

Details

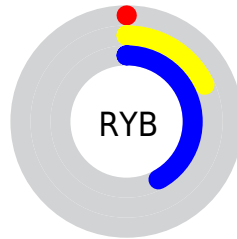
The Hex color **00546A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A1600**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **47869D**, and **00273B** is the 20% darker color. If you saturate the color by 10%, you get **00546A**, and if you desaturate by 10%, it is **0B566A**.

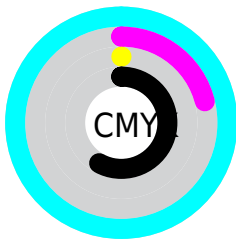
Distribution



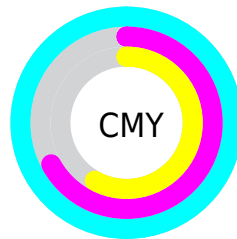
- Red (0%)
- Green (33%)
- Blue (42%)



- Red (0%)
- Yellow (18%)
- Blue (42%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (67%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00546A 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 00546A by changing the saturation by 10% instead.

00546A

00546A

FFFFFF

003D52

47869D

00273B

62A0B8

001225

7EBBD4

00010E

99D7F0

000000

B6F3FF

D2FFFF

FFFFFF

00546A

■ 0B566A

■ 15586A

■ 205B6A

■ 2A5D6A

■ 355F6A

■ 40616A

■ 4A636A

■ 55666A

■ 5F686A

Harmonies

Analogous

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



00565B



00546A



2C5071

Triad

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



00546A



6D3F51



49502B

Complementary

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



00546A



6A1600

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.



5B4B28



00546A



703F3E

Square

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



00546A



614362



694430



345437

Rectangle

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



00546A



414B70



694430



504F29

Sweetspot

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



00546A



60818A



006A15



2C4045



C4C4C4



454545

Same Dimension

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



00546A



006D8A



00206A



303436



005D75



00C2F5

Inverse Universe

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



6A0054



8A006D



6A4A00



363034



75005D



F500C2

Previews

White Background



This preview shows how the Hex color 00546A looks on a white background.

Color Contrast Check

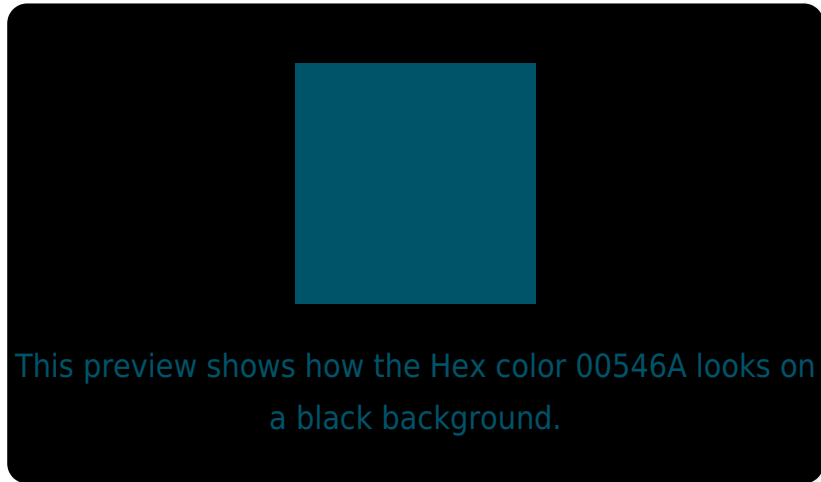
Large Text (above 18pt) WCAG AA ✓ Pass

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

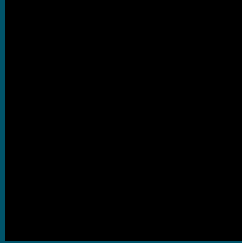
Any Text WCAG AA × Fail

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 00546A Background



This preview shows how black text looks on a background with the Hex color 00546A.

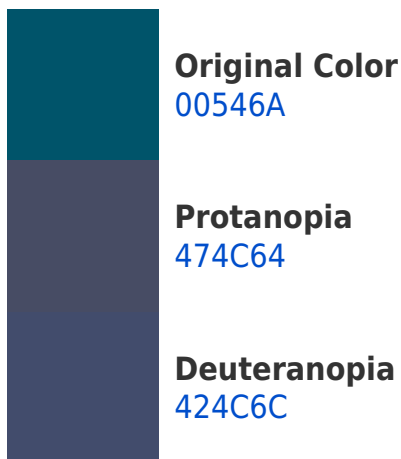


This preview shows how white text looks on a background with the Hex color 00546A.

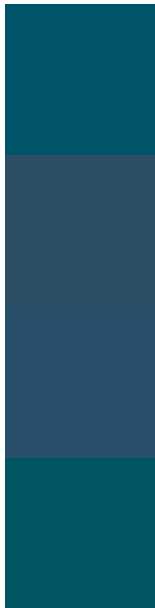
Color Blindness Simulation

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



Trichromacy



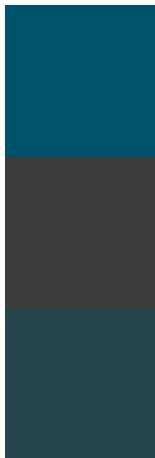
Original Color
00546A

Protanomaly
2D4F66

Deuteranomaly
2A4F6B

Tritanomaly
005561

Monochromacy



Original Color
00546A

Achromatopsia
3D3D3D

Achromatomaly
27454D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00546A 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 #00546A looks like.

```
.text, #text, p{  
    color:#00546A  
}
```

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 #00546A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00546A
}
```

Border

The CSS property to change the border of an element to Hex 00546A 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
#00546A }
```

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

```
.border{ border-color:#00546A }
```

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

Here you see how a box with a 4 pixel #00546A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00546A; -webkit-box-shadow:4px 4px  
4px 4px #00546A; box-shadow:4px 4px 4px  
4px #00546A }
```

Background

The CSS property to change the background color of an element to Hex 00546A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00546A }
```

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

```
.background{ background-color:#00546A }
```

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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