

Converting Colors

Hex(00556F)

Have a look what the booklet for
Hex(00556F) contains.

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Color

Hex(00556F)

Conversions

Conversions Part 1

Format	Color
Hex	00556F
RGB	0, 85, 111
RGB Percent	0%, 33%, 44%
CMY	1.0000, 0.6667, 0.5647
CMYK	1.00, 0.23, 0.00, 0.56
HSL	194°, 100%, 22%
HSV	194°, 100%, 44%
XYZ	6.1177, 7.6447, 16.1921
YIQ	62.5490, -59.0060, -9.9340

Conversions

Conversions Part 2

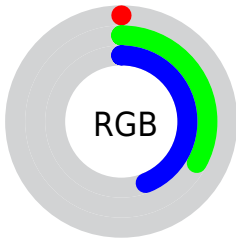
Format	Color
RYB	0, 48, 111
Decimal	21871
CIELab	33.23, -11.83, -21.08
CIELCh	33, 24.169, 240.706
Yxy	7.6447, 0.2042, 0.2552
Android (android.graphics.Color)	4278211951 (0xFF00556F)
YUV	62.5490, 23.8863, -54.8555
Hunter-Lab	27.6490, -8.8902, -15.3676

Details

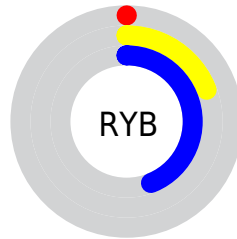
The Hex color **00556F** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **6F1A00**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **4887A3**, and **00283F** is the 20% darker color. If you saturate the color by 10%, you get **00556F**, and if you desaturate by 10%, it is **0B586F**.

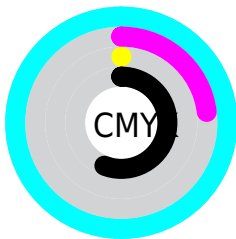
Distribution



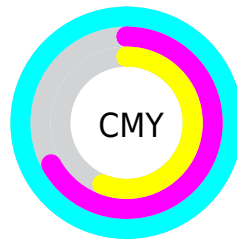
- Red (0%)
- Green (33%)
- Blue (44%)



- Red (0%)
- Yellow (19%)
- Blue (44%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (67%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00556F 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 00556F by changing the saturation by 10% instead.

00556F

00556F

FFFFFF

003E57

4887A3

00283F

64A1BE

001429

7FBCDA

000114

9BD8F6

000000

B7F4FF

D4FFFF

F1FFFF

00556F

■ 0B586F

■ 165A6F

■ 215D6F

■ 2C5F6F

■ 38626F

■ 43656F

■ 4E676F

■ 596A6F

■ 646C6F

Harmonies

Analogous

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



005861



00556F



315074

Triad

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



00556F



723F4E



46532C

Complementary

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



00556F



6F1A00

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.



5A4D27



00556F



72413C

Square

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



00556F



664261



69462D



2F563B

Rectangle

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



00556F



474B72



69462D



4D512A

Sweetspot

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



00556F



668791



006F1A



2F444A



C9C9C9



4A4A4A

Same Dimension

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



00556F



006F91



001E6F



323738



005C78



00BDF7

Inverse Universe

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



6F0055



91006F



6F5100



383237



78005C



F700BD

Previews

White Background



This preview shows how the Hex color 00556F looks on a white background.

Color Contrast Check

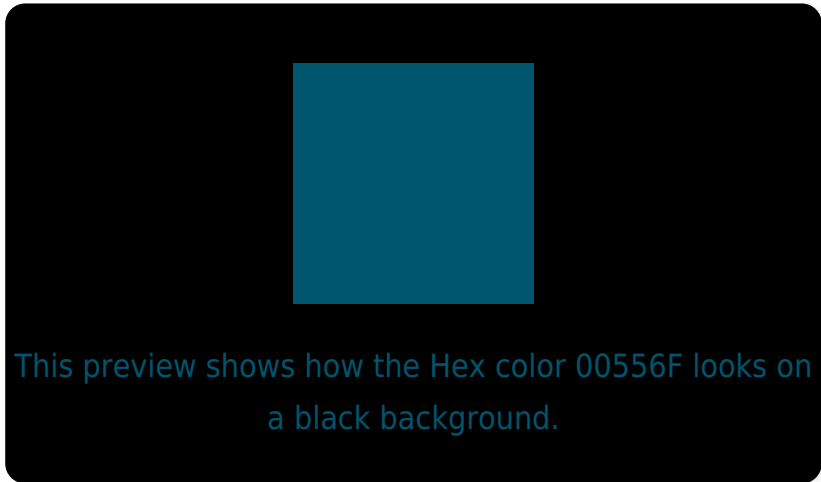
Large Text (above 18pt) WCAG AA ✓ Pass

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

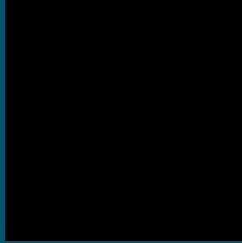
Any Text WCAG AA × Fail

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 00556F Background



This preview shows how black text looks on a background with the Hex color 00556F.

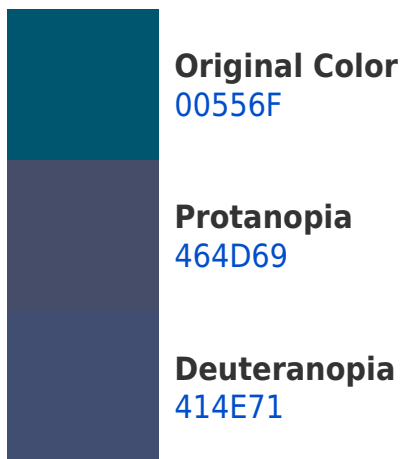


This preview shows how white text looks on a background with the Hex color 00556F.

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
00575E

Trichromacy



Original Color
00556F

Protanomaly
2D506B

Deuteranomaly
295170

Tritanomaly
005664

Monochromacy



Original Color
00556F

Achromatopsia
3F3F3F

Achromatomaly
284750

CSS Examples

Text

The CSS property to change the color of the text to Hex 00556F 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 #00556F looks like.

```
.text, #text, p{  
    color:#00556F  
}
```

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 #00556F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00556F
}
```

Border

The CSS property to change the border of an element to Hex 00556F is called "border". The border property can be set on classes, ids or directly on the HTML element.

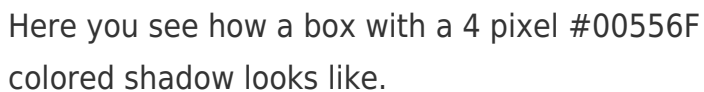
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00556F }
```

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

```
.border{ border-color:#00556F }
```

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



Here you see how a box with a 4 pixel #00556F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00556F; -webkit-box-shadow:4px 4px  
4px 4px #00556F; box-shadow:4px 4px 4px  
4px #00556F }
```

Background

The CSS property to change the background color of an element to Hex 00556F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00556F }
```

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

```
.background{ background-color:#00556F }
```

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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