

Converting Colors

Hex(005C6B)

Have a look what the booklet for
Hex(005C6B) contains.

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Color

Hex(005C6B)

Conversions

Conversions Part 1

Format	Color
Hex	005C6B
RGB	0, 92, 107
RGB Percent	0%, 36%, 42%
CMY	1.0000, 0.6392, 0.5804
CMYK	1.00, 0.14, 0.00, 0.58
HSL	188°, 100%, 21%
HSV	188°, 100%, 42%
XYZ	6.4810, 8.7158, 15.2507
YIQ	66.2020, -59.6470, -14.8390

Conversions

Conversions Part 2

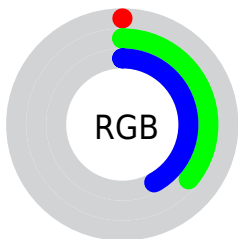
Format	Color
RYB	0, 49, 107
Decimal	23659
CIELab	35.43, -17.42, -15.19
CIELCh	35, 23.111, 221.095
Yxy	8.7158, 0.2129, 0.2863
Android (android.graphics.Color)	4278213739 (0xFF005C6B)
YUV	66.2020, 20.1134, -58.0592
Hunter-Lab	29.5226, -12.4790, -9.9620

Details

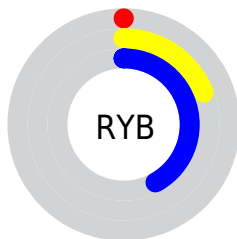
The Hex color **005C6B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6B0F00**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **488E9E**, and **002E3C** is the 20% darker color. If you saturate the color by 10%, you get **005C6B**, and if you desaturate by 10%, it is **0B5E6B**.

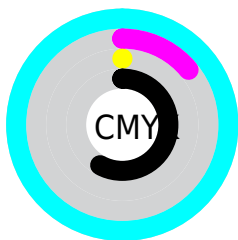
Distribution



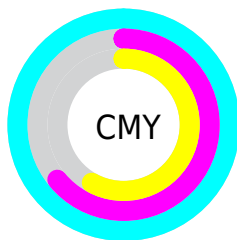
- Red (0%)
- Green (36%)
- Blue (42%)



- Red (0%)
- Yellow (19%)
- Blue (42%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (64%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005C6B 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 005C6B by changing the saturation by 10% instead.

005C6B

005C6B

FFFFFF

004453

488E9E

002E3C

64A9B9

001B26

7FC4D5

000111

9BE0F1

000000

B8FDFF

D4FFFF

F2FFFF

005C6B

■ 0B5E6B

■ 155F6B

■ 20616B

■ 2B626B

■ 36646B

■ 40656B

■ 4B676B

■ 56686B

■ 606A6B

Harmonies

Analogous

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



115D5A



005C6B



235876

Triad

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



005C6B



704660



59542F

Complementary

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



005C6B



6B0F00

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.



694E31



005C6B



77454D

Square

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



005C6B



5E4C6F



74483C



445937

Rectangle

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



005C6B



395578



74483C



5F522E

Sweetspot

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



005C6B



62868C



006B0E



2E4447



C7C7C7



474747

Same Dimension

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



005C6B



00798C



00276B



303536



006575



00D2F5

Inverse Universe

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



6B005C



8C0079



6B4400



363035



750065



F500D2

Previews

White Background



This preview shows how the Hex color 005C6B looks on a white background.

Color Contrast Check

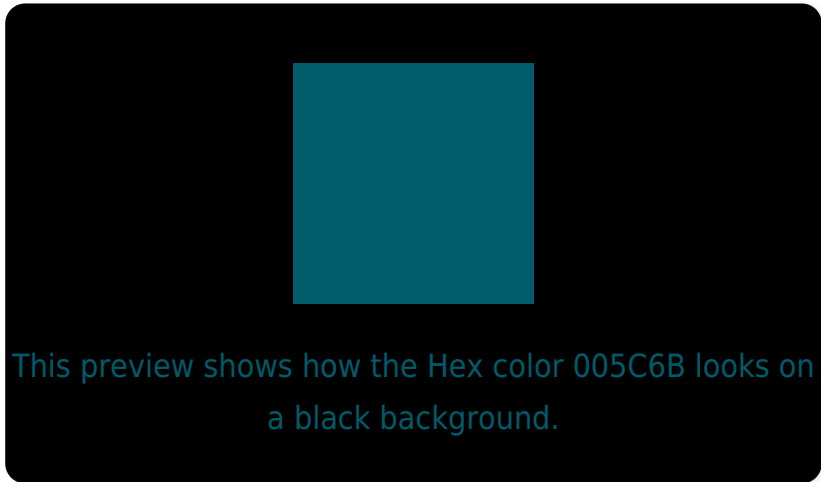
Large Text (above 18pt) WCAG AA ✓ Pass

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

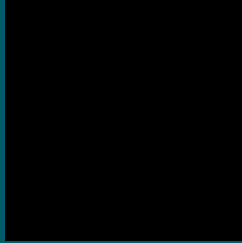
Any Text WCAG AA × Fail

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 005C6B Background



This preview shows how black text looks on a background with the Hex color 005C6B.

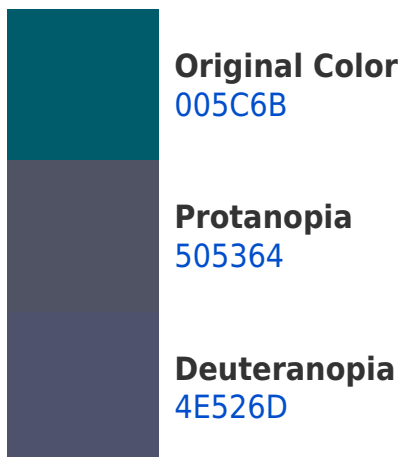



This preview shows how white text looks on a background with the Hex color 005C6B.

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](#).

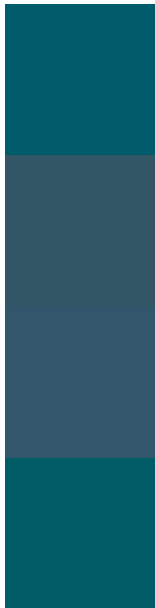
Dichromacy





Tritanopia
005D64

Trichromacy



Original Color
005C6B

Protanomaly
335667

Deuteranomaly
32566C

Tritanomaly
005D67

Monochromacy



Original Color
005C6B

Achromatopsia
424242

Achromatomaly
2A4B51

CSS Examples

Text

The CSS property to change the color of the text to Hex 005C6B 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 #005C6B looks like.

```
.text, #text, p{  
    color:#005C6B  
}
```

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 #005C6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005C6B
}
```

Border

The CSS property to change the border of an element to Hex 005C6B 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
#005C6B }
```

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

```
.border{ border-color:#005C6B }
```

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

Here you see how a box with a 4 pixel #005C6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005C6B; -webkit-box-shadow:4px 4px  
4px 4px #005C6B; box-shadow:4px 4px 4px  
4px #005C6B }
```

Background

The CSS property to change the background color of an element to Hex 005C6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005C6B }
```

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

```
.background{ background-color:#005C6B }
```

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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