

Converting Colors

Hex(005F68)

Have a look what the booklet for
Hex(005F68) contains.

Hex(005F68)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(005F68)

Conversions

Conversions Part 1

Format	Color
Hex	005F68
RGB	0, 95, 104
RGB Percent	0%, 37%, 41%
CMY	1.0000, 0.6275, 0.5922
CMYK	1.00, 0.09, 0.00, 0.59
HSL	185°, 100%, 20%
HSV	185°, 100%, 41%
XYZ	6.5909, 9.1839, 14.5220
YIQ	67.6210, -59.5090, -17.3410

Conversions

Conversions Part 2

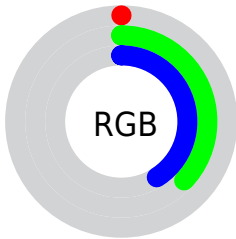
Format	Color
RYB	0, 50, 104
Decimal	24424
CIELab	36.34, -20.17, -11.95
CIELCh	36, 23.443, 210.648
Yxy	9.1839, 0.2175, 0.3031
Android (android.graphics.Color)	4278214504 (0xFF005F68)
YUV	67.6210, 17.9348, -59.3036
Hunter-Lab	30.3049, -14.2124, -7.1980

Details

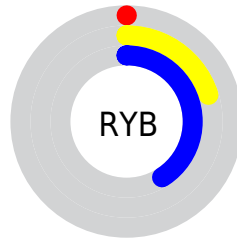
The Hex color **005F68** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **680900**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **48929B**, and **003039** is the 20% darker color. If you saturate the color by 10%, you get **005F68**, and if you desaturate by 10%, it is **0A6068**.

Distribution



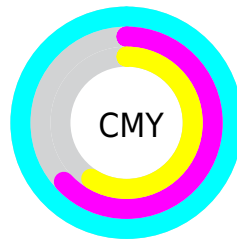
- Red (0%)
- Green (37%)
- Blue (41%)



- Red (0%)
- Yellow (20%)
- Blue (41%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (59%)



- Cyan (100%)
- Magenta (63%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005F68 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 005F68 by changing the saturation by 10% instead.

 005F68

 005F68

FFFFFF

 004750

 48929B

 003039

 64ACB6

 001D23

 7FC8D2

 00010D

 9BE4EE

 000000

 B7FFFF

 D4FFFF

 F1FFFF

 005F68

■ 0A6068

■ 156168

■ 1F6268

■ 2A6368

■ 346368

■ 3E6468

■ 496568

■ 536668

■ 5E6768

Harmonies

Analogous

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



1D5F55



005F68



175C76

Triad

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



005F68



6D4A68



61542F

Complementary

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



005F68



680900

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.



714E35



005F68



794756

Square

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



005F68



585076



794843



4E5A34

Rectangle

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



005F68



2F597A



794843



675230

Sweetspot

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



005F68



5F8487



006809



2C4345



C4C4C4



454545

Same Dimension

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



005F68



007B87



002B68



2E3333



006973



00DDF2

Inverse Universe

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



68005F



87007B



683D00



332E33



730069



F200DD

Previews

White Background



This preview shows how the Hex color 005F68 looks on a white background.

Color Contrast Check

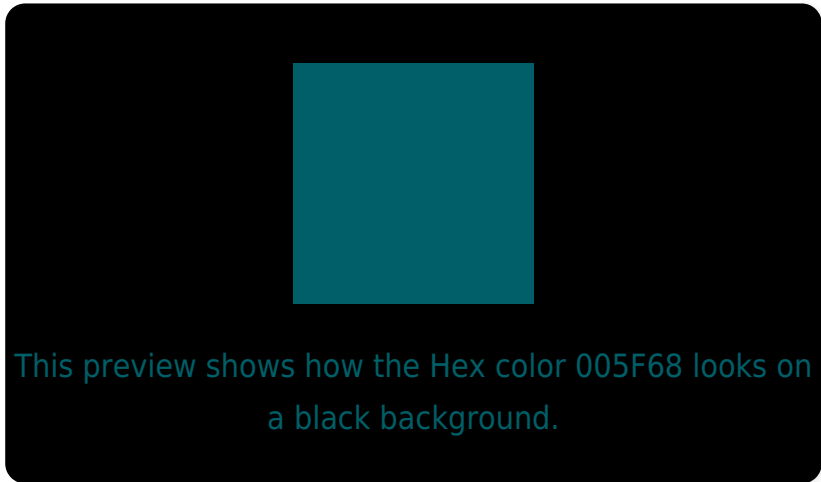
Large Text (above 18pt) WCAG AA ✓ Pass

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

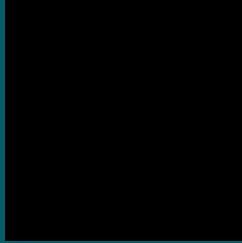
Any Text WCAG AA × Fail

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 005F68 Background



This preview shows how black text looks on a background with the Hex color 005F68.



This preview shows how white text looks on a background with the Hex color 005F68.

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
005F68

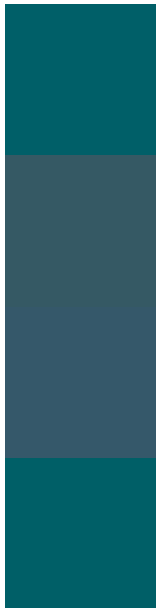
Protanopia
545561

Deuteranopia
53546B



Tritanopia
005F67

Trichromacy



Original Color
005F68

Protanomaly
355964

Deuteranomaly
35586A

Tritanomaly
005F67

Monochromacy



Original Color
005F68

Achromatopsia
444444

Achromatomaly
2B4E51

CSS Examples

Text

The CSS property to change the color of the text to Hex 005F68 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 #005F68 looks like.

```
.text, #text, p{  
    color:#005F68  
}
```

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 #005F68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005F68  
}
```

Border

The CSS property to change the border of an element to Hex 005F68 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  
#005F68 }
```

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

```
.border{ border-color:#005F68 }
```

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

Here you see how a box with a 4 pixel #005F68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005F68; -webkit-box-shadow:4px 4px  
4px 4px #005F68; box-shadow:4px 4px 4px  
4px #005F68 }
```

Background

The CSS property to change the background color of an element to Hex 005F68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005F68 }
```

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

```
.background{ background-color:#005F68 }
```

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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