

Converting Colors

Hex(005676)

Have a look what the booklet for
Hex(005676) contains.

Hex(005676)	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(005676)

Conversions

Conversions Part 1

Format	Color
Hex	005676
RGB	0, 86, 118
RGB Percent	0%, 34%, 46%
CMY	1.0000, 0.6627, 0.5373
CMYK	1.00, 0.27, 0.00, 0.54
HSL	196°, 100%, 23%
HSV	196°, 100%, 46%
XYZ	6.5978, 7.9636, 18.3289
YIQ	63.9340, -61.5280, -8.2800

Conversions

Conversions Part 2

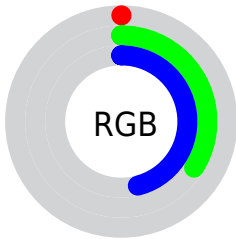
Format	Color
RYB	0, 50, 118
Decimal	22134
CIELab	33.91, -9.63, -24.38
CIELCh	34, 26.215, 248.457
Yxy	7.9636, 0.2006, 0.2421
Android (android.graphics.Color)	4278212214 (0xFF005676)
YUV	63.9340, 26.6545, -56.0701
Hunter-Lab	28.2198, -7.6513, -18.7553

Details

The Hex color **005676** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **762000**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **4A88AA**, and **002945** is the 20% darker color. If you saturate the color by 10%, you get **005676**, and if you desaturate by 10%, it is **0C5976**.

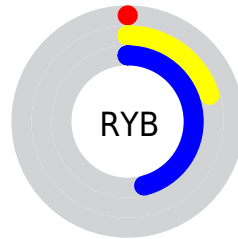
Distribution



Red (0%)

Green (34%)

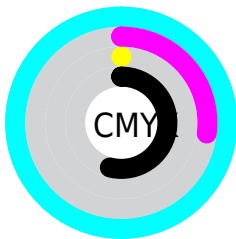
Blue (46%)



Red (0%)

Yellow (20%)

Blue (46%)

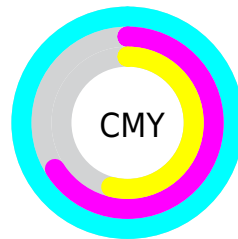


Cyan (100%)

Magenta (27%)

Yellow (0%)

Black (54%)



Cyan (100%)

Magenta (66%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005676 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 005676 by changing the saturation by 10% instead.

005676

005676

FFFFFF

003F5D

4A88AA

002945

66A2C6

00152F

82BDE2

00011A

9ED9FE

000000

BAF5FF

D7FFFF

F4FFFF

005676

■ 0C5976

■ 185C76

■ 236076

■ 2F6376

■ 3B6676

■ 476976

■ 536C76

■ 5E7076

■ 6A7376

Harmonies

Analogous

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



005A69



005676



395079

Triad

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



005676



773F4B



41562E

Complementary

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



005676



762000

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.



575026



005676



754237

Square

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



005676



6E415F



694929



255940

Rectangle

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



005676



504B74



694929



48542A

Sweetspot

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



005676



6B8D99



00761F



31454D



CCCCCC



4D4D4D

Same Dimension

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



005676



007099



001C76



35393B



00597A



00B6FA

Inverse Universe

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



760056



990070



765A00



3B3539



7A0059



FA00B6

Previews

White Background



This preview shows how the Hex color 005676 looks on a white background.

Color Contrast Check

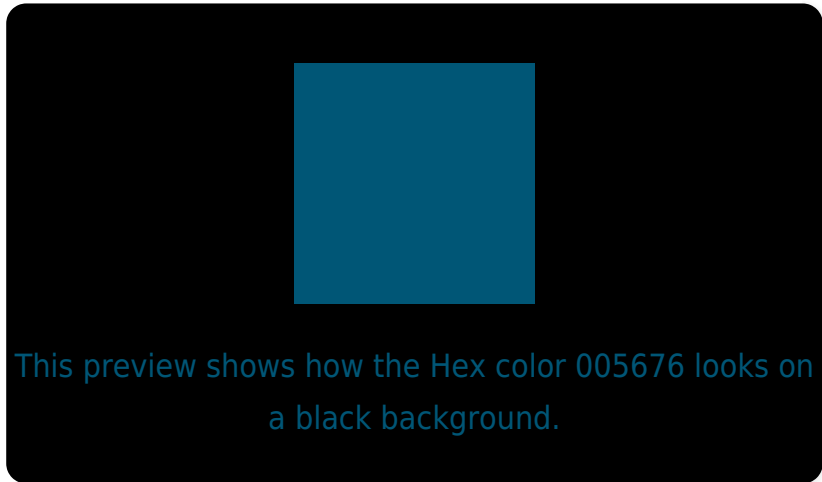
Large Text (above 18pt) WCAG AA ✓ Pass

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

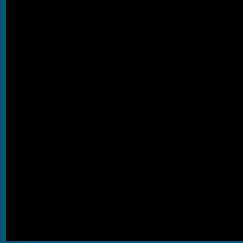
Any Text WCAG AA × Fail

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 005676 Background



This preview shows how black text looks on a background with the Hex color 005676.

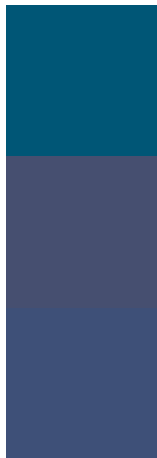


This preview shows how white text looks on a background with the Hex color 005676.

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
005676

Protanopia
464F70

Deuteranopia
3E5078

Trichromacy



Original Color
005676

Protanomaly
2D5272

Deuteranomaly
275277

Tritanomaly
005868

Monochromacy



Original Color
005676

Achromatopsia
404040

Achromatomaly
294854

CSS Examples

Text

The CSS property to change the color of the text to Hex 005676 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 #005676 looks like.

```
.text, #text, p{  
    color:#005676  
}
```

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 #005676 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005676
}
```

Border

The CSS property to change the border of an element to Hex 005676 is called "border". The border property can be set on classes, ids or directly on the HTML element.

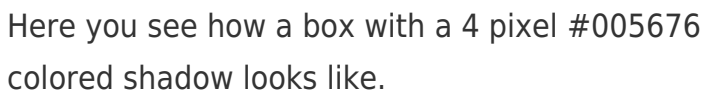
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#005676 }
```

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

```
.border{ border-color:#005676 }
```

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



Here you see how a box with a 4 pixel #005676 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005676; -webkit-box-shadow:4px 4px  
4px 4px #005676; box-shadow:4px 4px 4px  
4px #005676 }
```

Background

The CSS property to change the background color of an element to Hex 005676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005676 }
```

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

```
.background{ background-color:#005676 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor