

Converting Colors

Hex(005266)

Have a look what the booklet for
Hex(005266) contains.

Hex(005266)	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(005266)

Conversions

Conversions Part 1

Format	Color
Hex	005266
RGB	0, 82, 102
RGB Percent	0%, 32%, 40%
CMY	1.0000, 0.6784, 0.6000
CMYK	1.00, 0.20, 0.00, 0.60
HSL	192°, 100%, 20%
HSV	192°, 100%, 40%
XYZ	5.4156, 6.9939, 13.6349
YIQ	59.7620, -55.2920, -11.1640

Conversions

Conversions Part 2

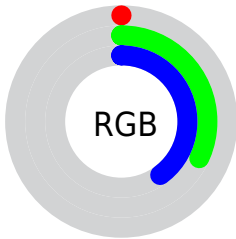
Format	Color
R _Y B	0, 45, 102
Decimal	21094
CIE Lab	31.79, -13.60, -17.66
CIE LCh	32, 22.291, 232.389
Yxy	6.9939, 0.2079, 0.2685
Android (android.graphics.Color)	4278211174 (0xFF005266)
YUV	59.7620, 20.8233, -52.4113
Hunter-Lab	26.4460, -9.7275, -12.0563

Details

The Hex color **005266** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **661400**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **468499**, and **002537** is the 20% darker color. If you saturate the color by 10%, you get **005266**, and if you desaturate by 10%, it is **0A5466**.

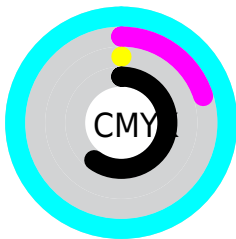
Distribution



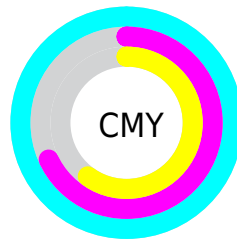
- Red (0%)
- Green (32%)
- Blue (40%)



- Red (0%)
- Yellow (18%)
- Blue (40%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (68%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005266 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 005266 by changing the saturation by 10% instead.

 005266

 005266

FFFFFF

 003B4E

 468499

 002537

 619EB4

 000E22

 7CB9CF

 000009

 98D4EC

 000000

 B4F1FF

 D0FFFF

 EDFFFF

 005266

■ 0A5466

■ 145666

■ 1F5866

■ 295A66

■ 335C66

■ 3D5E66

■ 476066

■ 526266

■ 5C6466

Harmonies

Analogous

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



005458



005266



284E6D

Triad

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



005266



6A3D50



494E2A

Complementary

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



005266



661400

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.



5A4828



005266



6D3E3E

Square

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



005266



5C4260



674230



355235

Rectangle

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



005266



3D4A6D



674230



4F4C28

Sweetspot

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



005266



5D7D85



006613



2A3E42



C2C2C2



424242

Same Dimension

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



005266



006B85



002066



2E3233



005C73



00C3F2

Inverse Universe

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



660052



85006B



664600



332E32



73005C



F200C3

Previews

White Background



This preview shows how the Hex color 005266 looks on a white background.

Color Contrast Check

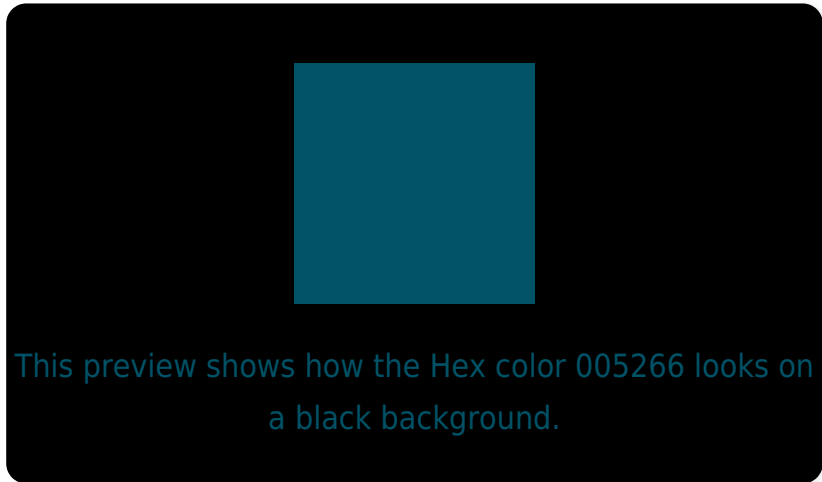
Large Text (above 18pt) WCAG AA ✓ Pass

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

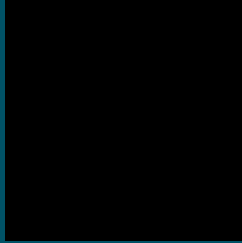
Any Text WCAG AA × Fail

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 005266 Background



This preview shows how black text looks on a background with the Hex color 005266.

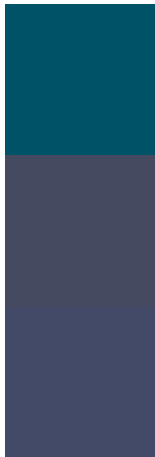


This preview shows how white text looks on a background with the Hex color 005266.

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
005266

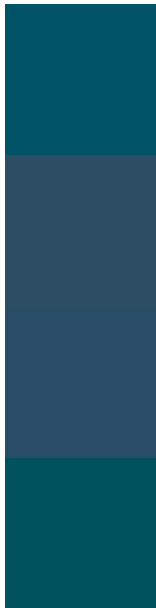
Protanopia
454A60

Deuteranopia
424A68



Tritanopia
00535A

Trichromacy



Original Color
005266

Protanomaly
2C4D62

Deuteranomaly
2A4D67

Tritanomaly
00535E

Monochromacy



Original Color
005266

Achromatopsia
3C3C3C

Achromatomaly
26444B

CSS Examples

Text

The CSS property to change the color of the text to Hex 005266 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 #005266 looks like.

```
.text, #text, p{  
    color:#005266  
}
```

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 #005266 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005266
}
```

Border

The CSS property to change the border of an element to Hex 005266 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
#005266 }
```

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

```
.border{ border-color:#005266 }
```

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

Here you see how a box with a 4 pixel #005266 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005266; -webkit-box-shadow:4px 4px  
4px 4px #005266; box-shadow:4px 4px 4px  
4px #005266 }
```

Background

The CSS property to change the background color of an element to Hex 005266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005266 }
```

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

```
.background{ background-color:#005266 }
```

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