

Converting Colors

Hex(005468)

Have a look what the booklet for
Hex(005468) contains.

Hex(005468)	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(005468)

Conversions

Conversions Part 1

Format	Color
Hex	005468
RGB	0, 84, 104
RGB Percent	0%, 33%, 41%
CMY	1.0000, 0.6706, 0.5922
CMYK	1.00, 0.19, 0.00, 0.59
HSL	192°, 100%, 20%
HSV	192°, 100%, 41%
XYZ	5.6690, 7.3401, 14.2147
YIQ	61.1640, -56.4840, -11.5880

Conversions

Conversions Part 2

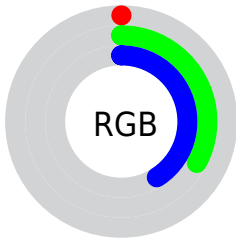
Format	Color
RYB	0, 46, 104
Decimal	21608
CIELab	32.57, -13.99, -17.72
CIELCh	33, 22.578, 231.701
Yxy	7.3401, 0.2082, 0.2696
Android (android.graphics.Color)	4278211688 (0xFF005468)
YUV	61.1640, 21.1181, -53.6408
Hunter-Lab	27.0927, -10.0619, -12.1428

Details

The Hex color **005468** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **681400**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **46869B**, and **002739** is the 20% darker color. If you saturate the color by 10%, you get **005468**, and if you desaturate by 10%, it is **0A5668**.

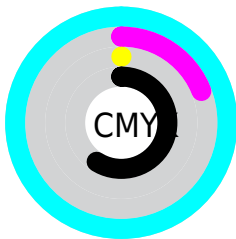
Distribution



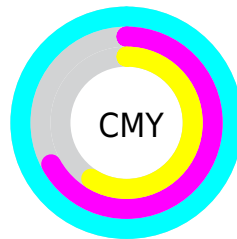
- Red (0%)
- Green (33%)
- Blue (41%)



- Red (0%)
- Yellow (18%)
- Blue (41%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (59%)



- Cyan (100%)
- Magenta (67%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005468 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 005468 by changing the saturation by 10% instead.

005468

005468

FFFFFF

003D50

46869B

002739

62A0B6

001223

7DBBD2

00000C

99D7EE

000000

B5F3FF

D1FFFF

FFFFFF

005468

■ 0A5668

■ 155868

■ 1F5A68

■ 2A5C68

■ 345E68

■ 3E6068

■ 496268

■ 536468

■ 5E6668

Harmonies

Analogous

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



005659



005468



29506F

Triad

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



005468



6C3F52



4B502B

Complementary

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



005468



681400

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.



5D4A29



005468



6F3F40

Square

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



005468



5E4363



694431



365436

Rectangle

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



005468



3E4C6F



694431



514E29

Sweetspot

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



005468



5F7F87



006813



2C4045



C4C4C4



454545

Same Dimension

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



005468



006D87



002168



2E3233



005D73



00C4F2

Inverse Universe

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



680054



87006D



684700



332E32



73005D



F200C4

Previews

White Background



This preview shows how the Hex color 005468 looks on a white background.

Color Contrast Check

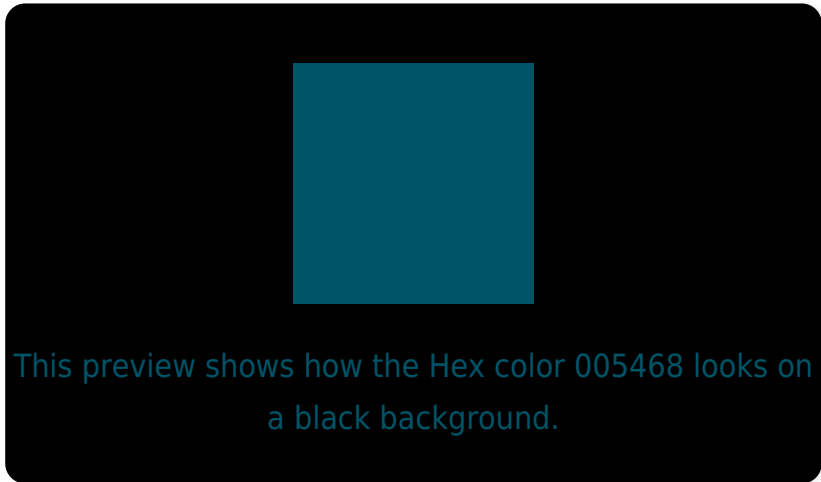
Large Text (above 18pt) WCAG AA ✓ Pass

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

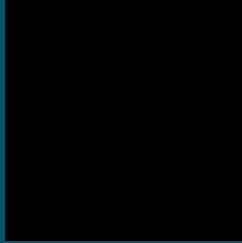
Any Text WCAG AA × Fail

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 005468 Background



This preview shows how black text looks on a background with the Hex color 005468.

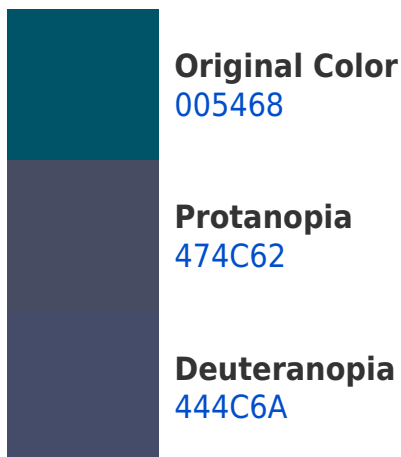



This preview shows how white text looks on a background with the Hex color 005468.

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](#).

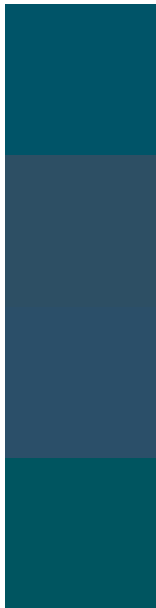
Dichromacy





Tritanopia
00555C

Trichromacy



Original Color
005468

Protanomaly
2D4F64

Deuteranomaly
2B4F69

Tritanomaly
005560

Monochromacy



Original Color
005468

Achromatopsia
3D3D3D

Achromatomaly
27454D

CSS Examples

Text

The CSS property to change the color of the text to Hex 005468 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 #005468 looks like.

```
.text, #text, p{  
    color:#005468  
}
```

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 #005468 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005468
}
```

Border

The CSS property to change the border of an element to Hex 005468 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
#005468 }
```

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

```
.border{ border-color:#005468 }
```

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

Here you see how a box with a 4 pixel #005468 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005468; -webkit-box-shadow:4px 4px  
4px 4px #005468; box-shadow:4px 4px 4px  
4px #005468 }
```

Background

The CSS property to change the background color of an element to Hex 005468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005468 }
```

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

```
.background{ background-color:#005468 }
```

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