

Converting Colors

Hex(005458)

Have a look what the booklet for
Hex(005458) contains.

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Color

Hex(005458)

Conversions

Conversions Part 1

Format	Color
Hex	005458
RGB	0, 84, 88
RGB Percent	0%, 33%, 35%
CMY	1.0000, 0.6706, 0.6549
CMYK	1.00, 0.05, 0.00, 0.65
HSL	183°, 100%, 17%
HSV	183°, 100%, 35%
XYZ	4.9318, 7.0452, 10.3325
YIQ	59.3400, -51.3480, -16.5640

Conversions

Conversions Part 2

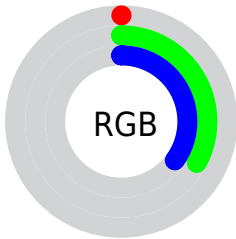
Format	Color
RYB	0, 43, 88
Decimal	21592
CIELab	31.91, -20.02, -8.62
CIELCh	32, 21.794, 203.303
Yxy	7.0452, 0.2211, 0.3158
Android (android.graphics.Color)	4278211672 (0xFF005458)
YUV	59.3400, 14.1294, -52.0412
Hunter-Lab	26.5428, -13.2839, -4.5001

Details

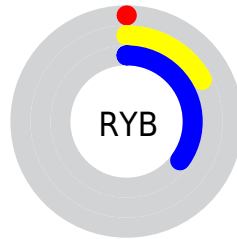
The Hex color **005458** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **580400**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **43868A**, and **00262B** is the 20% darker color. If you saturate the color by 10%, you get **005458**, and if you desaturate by 10%, it is **095458**.

Distribution



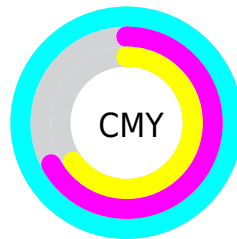
- Red (0%)
- Green (33%)
- Blue (35%)



- Red (0%)
- Yellow (17%)
- Blue (35%)



- Cyan (100%)
- Magenta (5%)
- Yellow (0%)
- Black (65%)



- Cyan (100%)
- Magenta (67%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005458 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 005458 by changing the saturation by 10% instead.

005458

005458

FFFFFF

003D41

43868A

00262B

5EA0A4

000E17

79BBBF

000000

94D7DB

B0F4F8

CDFFFF

E9FFFF

005458

■ 095458

■ 125558

■ 1A5558

■ 235658

■ 2C5658

■ 355658

■ 3E5758

■ 465758

■ 4F5858

Harmonies

Analogous

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



1D5447



005458



075266

Triad

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



005458



5D4260



5A4929

Complementary

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



005458



580400

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.



664330



005458



693E50

Square

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



005458



47486A



6C3E3E



494E2B

Rectangle

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



005458



20506B



6C3E3E



5E472A

Sweetspot

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



005458



507173



005803



263A3B



BABABA



3B3B3B

Same Dimension

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



005458



006E73



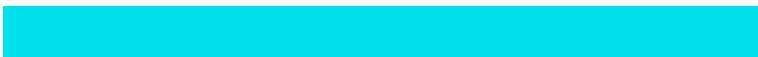
002958



272B2B



00666B



00E0EB

Inverse Universe

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



580054



73006E



582F00



2B272B



6B0066



EB00E0

Previews

White Background



This preview shows how the Hex color 005458 looks on a white background.

Color Contrast Check

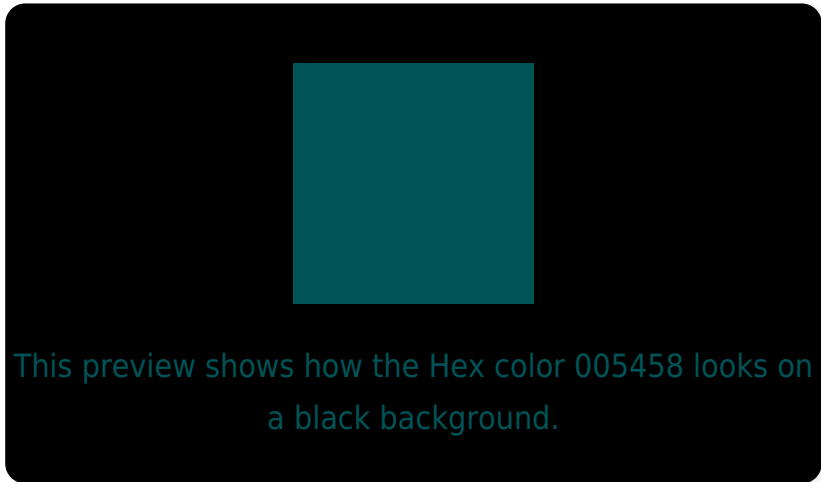
Large Text (above 18pt) WCAG AA ✓ Pass

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

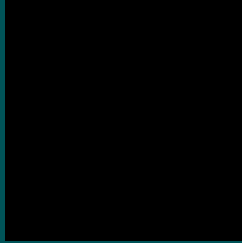
Any Text WCAG AA × Fail

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 005458 Background



This preview shows how black text looks on a background with the Hex color 005458.



This preview shows how white text looks on a background with the Hex color 005458.

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
005458

Protanopia
4B4B52

Deuteranopia
4B4A5A



Tritanopia
0A545A

Trichromacy



Original Color
005458

Protanomaly
304E54

Deuteranomaly
304E59

Tritanomaly
065459

Monochromacy



Original Color
005458

Achromatopsia
3B3B3B

Achromatomaly
264446

CSS Examples

Text

The CSS property to change the color of the text to Hex 005458 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 #005458 looks like.

```
.text, #text, p{  
    color:#005458  
}
```

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 #005458 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005458
}
```

Border

The CSS property to change the border of an element to Hex 005458 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
#005458 }
```

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

```
.border{ border-color:#005458 }
```

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

Here you see how a box with a 4 pixel #005458 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005458; -webkit-box-shadow:4px 4px  
4px 4px #005458; box-shadow:4px 4px 4px  
4px #005458 }
```

Background

The CSS property to change the background color of an element to Hex 005458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005458 }
```

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

```
.background{ background-color:#005458 }
```

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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