

Converting Colors

Hex(00464D)

Have a look what the booklet for
Hex(00464D) contains.

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Color

Hex(00464D)

Conversions

Conversions Part 1

Format	Color
Hex	00464D
RGB	0, 70, 77
RGB Percent	0%, 27%, 30%
CMY	1.0000, 0.7255, 0.6980
CMYK	1.00, 0.09, 0.00, 0.70
HSL	185°, 100%, 15%
HSV	185°, 100%, 30%
XYZ	3.5297, 4.9161, 7.7841
YIQ	49.8680, -43.9670, -12.6630

Conversions

Conversions Part 2

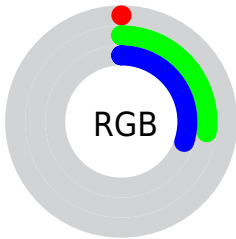
Format	Color
RYB	0, 37, 77
Decimal	17997
CIELab	26.49, -16.35, -9.74
CIELCh	26, 19.032, 210.783
Yxy	4.9161, 0.2175, 0.3029
Android (android.graphics.Color)	4278208077 (0xFF00464D)
YUV	49.8680, 13.3761, -43.7342
Hunter-Lab	22.1724, -10.3855, -5.2943

Details

The Hex color **00464D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4D0700**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **3E777E**, and **001C21** is the 20% darker color. If you saturate the color by 10%, you get **00464D**, and if you desaturate by 10%, it is **08474D**.

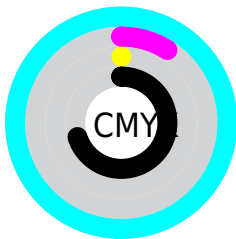
Distribution



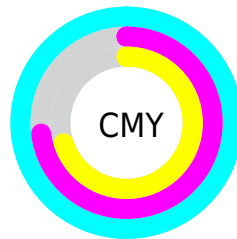
- Red (0%)
- Green (27%)
- Blue (30%)



- Red (0%)
- Yellow (15%)
- Blue (30%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (70%)



- Cyan (100%)
- Magenta (73%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00464D 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 00464D by changing the saturation by 10% instead.

00464D

00464D

FFFFFF

002F36

3E777E

001C21

589098

000009

73ABB3

000000

8EC6CE

A9E2EA

C5FFFF

E2FFFF

00464D

■ 08474D

■ 0F474D

■ 17484D

■ 1F494D

■ 274A4D

■ 2E4A4D

■ 364B4D

■ 3E4C4D

■ 454C4D

Harmonies

Analogous

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



13463F



00464D



0F4458

Triad

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



00464D



51364D



483E21

Complementary

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



00464D



4D0700

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.



543926



00464D



5A333F

Square

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



00464D



413B58



5A3531



394225

Rectangle

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



00464D



21415B



5A3531



4C3C22

Sweetspot

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



00464D



466163



004D06



213133



B3B3B3



333333

Same Dimension

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



00464D



005A63



00204D



222626



005D66



00D1E6

Inverse Universe

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



4D0046



63005A



4D2D00



262226



66005D



E600D1

Previews

White Background



This preview shows how the Hex color 00464D looks on a white background.

Color Contrast Check

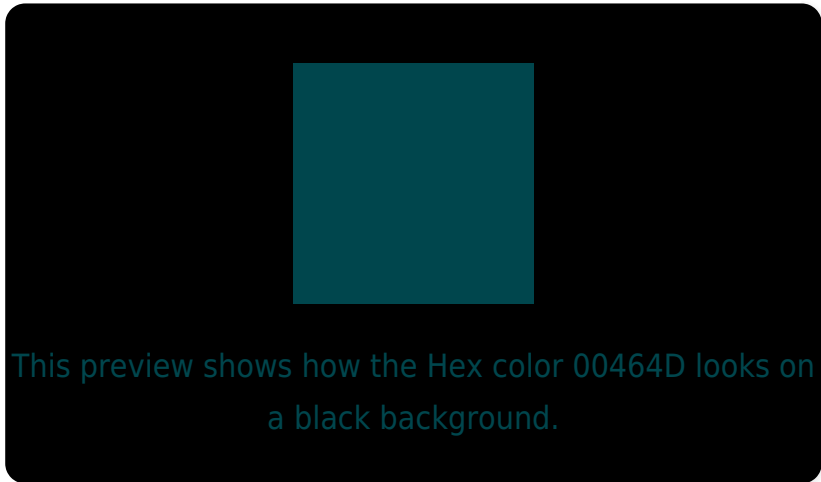
Large Text (above 18pt) WCAG AA ✓ Pass

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

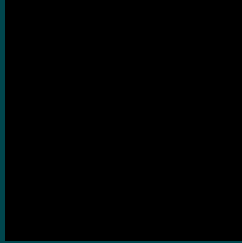
Any Text WCAG AA × Fail

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 00464D Background



This preview shows how black text looks on a background with the Hex color 00464D.



This preview shows how white text looks on a background with the Hex color 00464D.

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
00464D

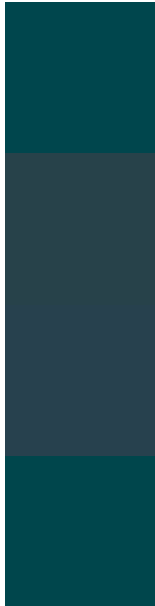
Protanopia
3D3F48

Deuteranopia
3D3E4F



Tritanopia
00464C

Trichromacy



Original Color
00464D

Protanomaly
27424A

Deuteranomaly
27414E

Tritanomaly
00464C

Monochromacy



Original Color
00464D

Achromatopsia
323232

Achromatomaly
20393C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00464D 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 #00464D looks like.

```
.text, #text, p{  
    color:#00464D  
}
```

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 #00464D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00464D
}
```

Border

The CSS property to change the border of an element to Hex 00464D 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
#00464D }
```

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

```
.border{ border-color:#00464D }
```

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

Here you see how a box with a 4 pixel #00464D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00464D; -webkit-box-shadow:4px 4px  
4px 4px #00464D; box-shadow:4px 4px 4px  
4px #00464D }
```

Background

The CSS property to change the background color of an element to Hex 00464D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00464D }
```

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

```
.background{ background-color:#00464D }
```

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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