

Converting Colors

Hex(00454F)

Have a look what the booklet for
Hex(00454F) contains.

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Color

Hex(00454F)

Conversions

Conversions Part 1

Format	Color
Hex	00454F
RGB	0, 69, 79
RGB Percent	0%, 27%, 31%
CMY	1.0000, 0.7294, 0.6902
CMYK	1.00, 0.13, 0.00, 0.69
HSL	188°, 100%, 15%
HSV	188°, 100%, 31%
XYZ	3.5394, 4.8208, 8.1411
YIQ	49.5090, -44.3340, -11.5180

Conversions

Conversions Part 2

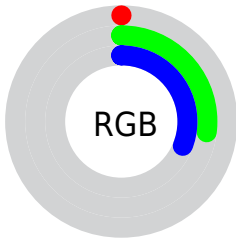
Format	Color
RYB	0, 37, 79
Decimal	17743
CIELab	26.22, -15.01, -11.47
CIELCh	26, 18.885, 217.387
Yxy	4.8208, 0.2145, 0.2921
Android (android.graphics.Color)	4278207823 (0xFF00454F)
YUV	49.5090, 14.5391, -43.4194
Hunter-Lab	21.9562, -9.6487, -6.6146

Details

The Hex color **00454F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4F0A00**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **3F7580**, and **001B23** is the 20% darker color. If you saturate the color by 10%, you get **00454F**, and if you desaturate by 10%, it is **08464F**.

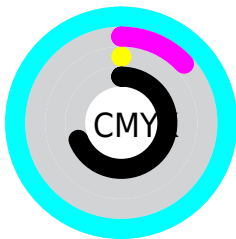
Distribution



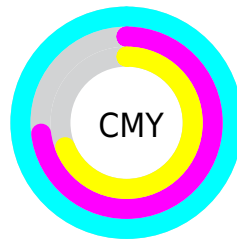
- Red (0%)
- Green (27%)
- Blue (31%)



- Red (0%)
- Yellow (15%)
- Blue (31%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (69%)



- Cyan (100%)
- Magenta (73%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00454F 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 00454F by changing the saturation by 10% instead.

00454F

00454F

FFFFFF

002F38

3F7580

001B23

598F9A

00000C

73AAB5

000000

8EC5D0

A9E1ED

C5FEFF

E2FFFF

00454F

■ 08464F

■ 10474F

■ 18484F

■ 20494F

■ 284A4F

■ 2F4B4F

■ 374C4F

■ 3F4D4F

■ 474E4F

Harmonies

Analogous

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



0E4641



00454F



154258

Triad

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



00454F



533449



443E21

Complementary

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



00454F



4F0A00

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.



513924



00454F



5A333B

Square

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



00454F



443955



58352D



344227

Rectangle

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



00454F



27405B



58352D



493D21

Sweetspot

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



00454F



476266



004F09



213133



B3B3B3



333333

Same Dimension

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



00454F



005966



001E4F



222626



00C8E6

Inverse Universe

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



4F0045



660059



4F3100



262226



E600C8

Previews

White Background



This preview shows how the Hex color 00454F looks on a white background.

Color Contrast Check

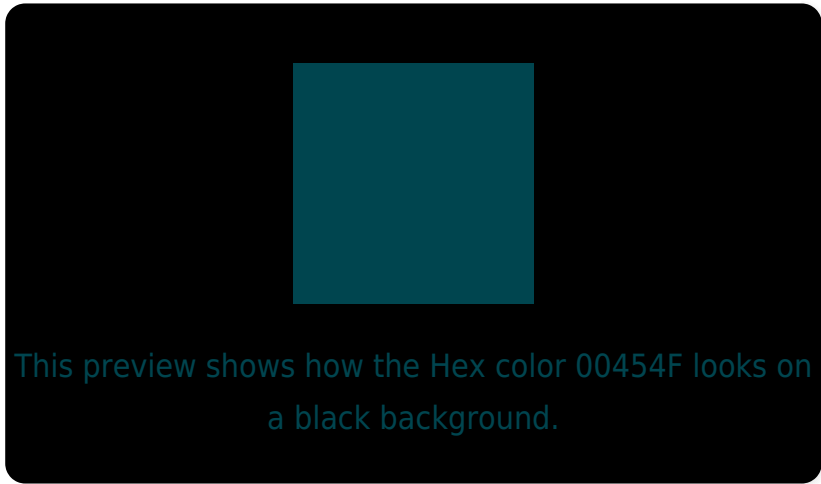
Large Text (above 18pt) WCAG AA ✓ Pass

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

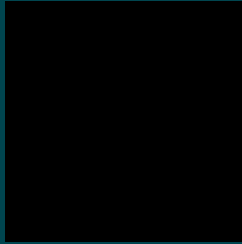
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

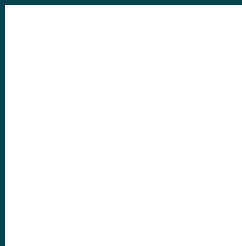
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00454F Background



This preview shows how black text looks on a background with the Hex color 00454F.

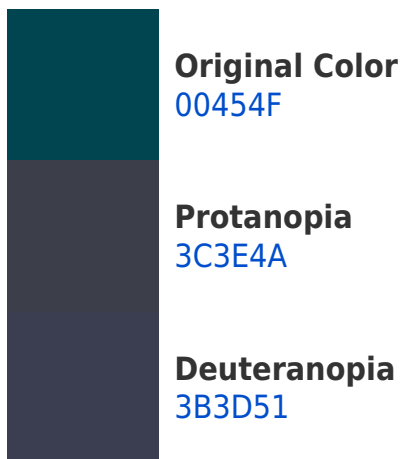


This preview shows how white text looks on a background with the Hex color 00454F.

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](#).

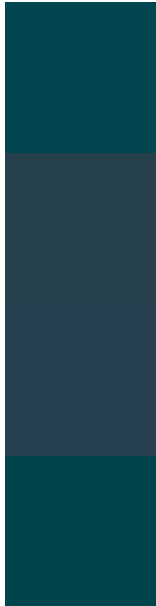
Dichromacy





Tritanopia
00454B

Trichromacy



Original Color
00454F

Protanomaly
26414C

Deuteranomaly
264050

Tritanomaly
00454C

Monochromacy



Original Color
00454F

Achromatopsia
323232

Achromatomaly
20393D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00454F 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 #00454F looks like.

```
.text, #text, p{  
    color:#00454F  
}
```

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 #00454F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00454F
}
```

Border

The CSS property to change the border of an element to Hex 00454F 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
#00454F }
```

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

```
.border{ border-color:#00454F }
```

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

Here you see how a box with a 4 pixel #00454F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00454F; -webkit-box-shadow:4px 4px  
4px 4px #00454F; box-shadow:4px 4px 4px  
4px #00454F }
```

Background

The CSS property to change the background color of an element to Hex 00454F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00454F }
```

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

```
.background{ background-color:#00454F }
```

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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