

Converting Colors

Hex(00455F)

Have a look what the booklet for
Hex(00455F) contains.

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Color

Hex(00455F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 00455F |
| RGB | 0, 69, 95 |
| RGB Percent | 0%, 27%, 37% |
| CMY | 1.0000, 0.7294, 0.6275 |
| CMYK | 1.00, 0.27, 0.00, 0.63 |
| HSL | 196°, 100%, 19% |
| HSV | 196°, 100%, 37% |
| XYZ | 4.1937, 5.0825, 11.5865 |
| YIQ | 51.3330, -49.4700, -6.5420 |

Conversions

Conversions Part 2

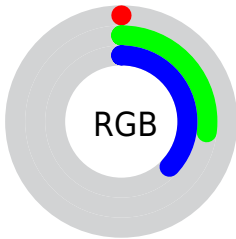
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 40, 95 |
| Decimal | 17759 |
| CIELab | 26.97, -8.53, -20.69 |
| CIELCh | 27, 22.380, 247.601 |
| Yxy | 5.0825, 0.2010, 0.2436 |
| Android (android.graphics.Color) | 4278207839 (0xFF00455F) |
| YUV | 51.3330, 21.5278, -45.0190 |
| Hunter-Lab | 22.5443, -6.2481, -14.6905 |

Details

The Hex color **00455F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **5F1A00**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **427592**, and **001A31** is the 20% darker color. If you saturate the color by 10%, you get **00455F**, and if you desaturate by 10%, it is **09485F**.

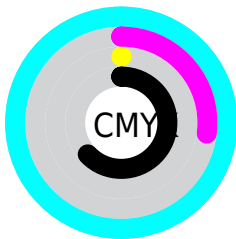
Distribution



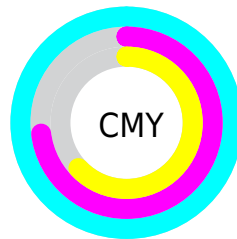
- Red (0%)
- Green (27%)
- Blue (37%)



- Red (0%)
- Yellow (16%)
- Blue (37%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (63%)



- Cyan (100%)
- Magenta (73%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00455F 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 00455F by changing the saturation by 10% instead.

00455F

00455F

FFFFFF

002F47

427592

001A31

5D8FAC

00011C

78A9C8

000000

93C4E4

AFE0FF

CBFDFF

E8FFFF

00455F

■ 09485F

■ 134A5F

■ 1D4D5F

■ 264F5F

■ 30525F

■ 39555F

■ 43575F

■ 4C5A5F

■ 565C5F

Harmonies

Analogous

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



004854



00455F



2C4061

Triad

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



00455F



60323C



344524

Complementary

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



00455F



5F1A00

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.



46401D



00455F



5E352C

Square

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



00455F



58344D



553A20



1D4832

Rectangle

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



00455F



3F3C5E



553A20



3A4321

Sweetspot

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



00455F



56707A



005F19



27373D



BDBDBD



3D3D3D

Same Dimension

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



00455F



00597A



00165F



2C2F30



005170



00AEF0

Inverse Universe

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



5F0045



7A0059



5F4900



302C2F



700051



F000AE

Previews

White Background



This preview shows how the Hex color 00455F looks on a white background.

Color Contrast Check

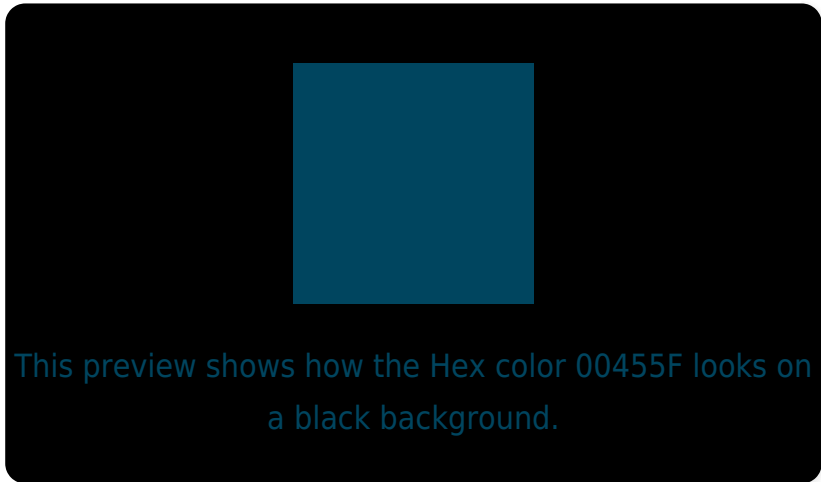
Large Text (above 18pt) WCAG AA ✓ Pass

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

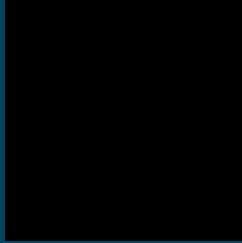
Any Text WCAG AA × Fail

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 00455F Background



This preview shows how black text looks on a background with the Hex color 00455F.

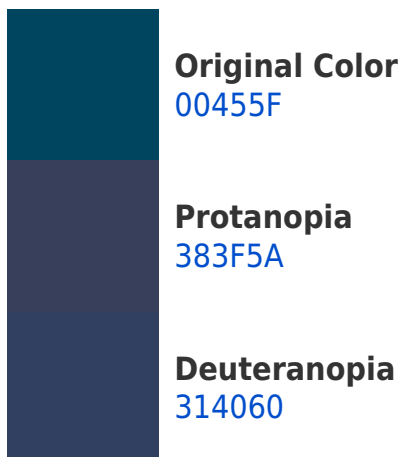


This preview shows how white text looks on a background with the Hex color 00455F.

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
00474D

Trichromacy



Original Color
00455F

Protanomaly
24415C

Deuteranomaly
1F4260

Tritanomaly
004654

Monochromacy



Original Color
00455F

Achromatopsia
333333

Achromatomaly
203A43

CSS Examples

Text

The CSS property to change the color of the text to Hex 00455F 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 #00455F looks like.

```
.text, #text, p{  
    color:#00455F  
}
```

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 #00455F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00455F
}
```

Border

The CSS property to change the border of an element to Hex 00455F 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
#00455F }
```

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

```
.border{ border-color:#00455F }
```

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

Here you see how a box with a 4 pixel #00455F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00455F; -webkit-box-shadow:4px 4px  
4px 4px #00455F; box-shadow:4px 4px 4px  
4px #00455F }
```

Background

The CSS property to change the background color of an element to Hex 00455F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00455F }
```

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

```
.background{ background-color:#00455F }
```

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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