

Converting Colors

Hex(06455E)

Have a look what the booklet for
Hex(06455E) contains.

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Color

Hex(06455E)

Conversions

Conversions Part 1

Format	Color
Hex	06455E
RGB	6, 69, 94
RGB Percent	2%, 27%, 37%
CMY	0.9765, 0.7294, 0.6314
CMYK	0.94, 0.27, 0.00, 0.63
HSL	197°, 88%, 20%
HSV	197°, 94%, 37%
XYZ	4.2236, 5.1031, 11.3521
YIQ	53.0130, -45.5730, -5.5810

Conversions

Conversions Part 2

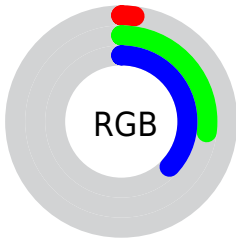
Format	Color
R _{YB}	6, 43, 94
Decimal	410974
CIE Lab	27.03, -8.36, -19.95
CIE LCh	27, 21.629, 247.263
Yxy	5.1031, 0.2042, 0.2468
Android (android.graphics.Color)	4278601054 (0xFF06455E)
YUV	53.0130, 20.2066, -41.2304
Hunter-Lab	22.5901, -6.1589, -13.9816

Details

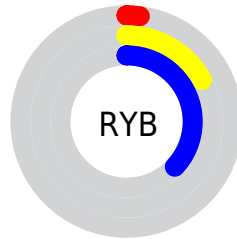
The Hex color **06455E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **5E1F06**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **457591**, and **001A30** is the 20% darker color. If you saturate the color by 10%, you get **00435E**, and if you desaturate by 10%, it is **0F485E**.

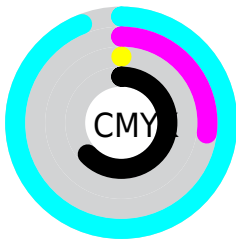
Distribution



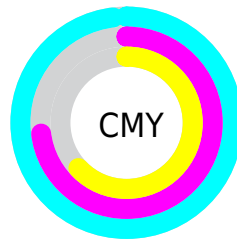
- Red (2%)
- Green (27%)
- Blue (37%)



- Red (2%)
- Yellow (17%)
- Blue (37%)



- Cyan (94%)
- Magenta (27%)
- Yellow (0%)
- Black (63%)



- Cyan (98%)
- Magenta (73%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06455E 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 06455E by changing the saturation by 10% instead.

06455E

06455E

FFFFFF

002F46

457591

001A30

5F8FAB

00011B

7AA9C6

000000

95C4E2

B1E0FF

CDFDFF

EAFFFF

06455E

06455E

■ 00435E

■ 0F485E

■ 194A5E

■ 224D5E

■ 2C505E

■ 35525E

■ 3E555E

■ 48585E

■ 515A5E

■ 5B5D5E

Harmonies

Analogous

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



004853



06455E



2D4061

Triad

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



06455E



5F333C



354525

Complementary

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



06455E



5E1F06

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.



46401E



06455E



5E352D

Square

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



06455E



58354D



553A22



1F4833

Rectangle

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



06455E



3F3C5D



553A22



3B4322

Sweetspot

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



06455E



58717A



065E1F



28373D



BDBDBD



3D3D3D

Same Dimension

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



06455E



00587A



06195E



292D2E



004E6E



00AAED

Inverse Universe

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



5E0645



7A0058



5E4B06



2E292D



6E004E



ED00AA

Previews

White Background



This preview shows how the Hex color 06455E looks on a white background.

Color Contrast Check

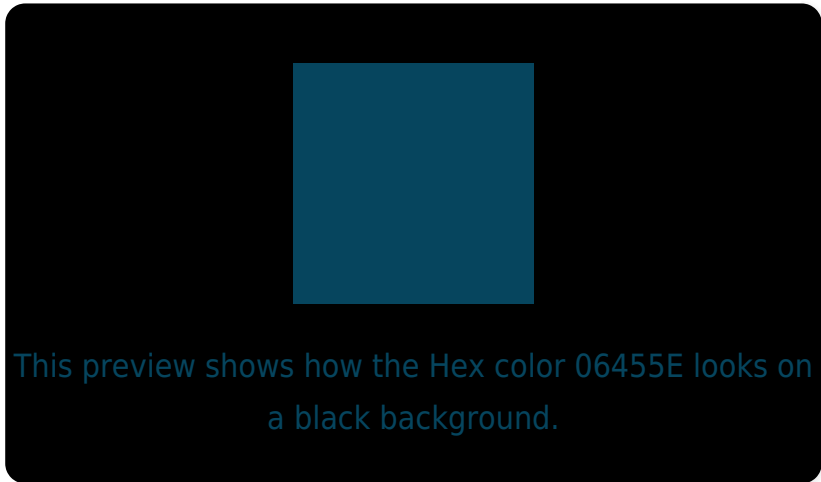
Large Text (above 18pt) WCAG AA ✓ Pass

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

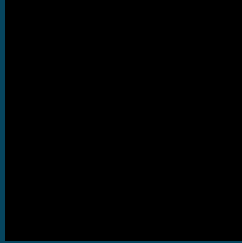
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

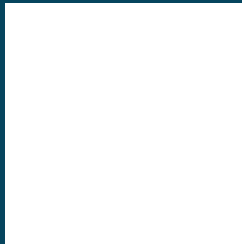
Any Text WCAG AAA × Fail

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

Hex 06455E Background



This preview shows how black text looks on a background with the Hex color 06455E.

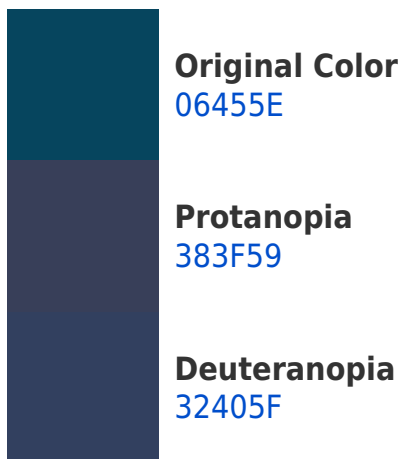



This preview shows how white text looks on a background with the Hex color 06455E.

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
06455E

Protanomaly
26415B

Deuteranomaly
22425F

Tritanomaly
024653

Monochromacy



Original Color
06455E

Achromatopsia
353535

Achromatomaly
243B44

CSS Examples

Text

The CSS property to change the color of the text to Hex 06455E 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 #06455E looks like.

```
.text, #text, p{  
    color:#06455E  
}
```

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 #06455E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06455E
}
```

Border

The CSS property to change the border of an element to Hex 06455E 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
#06455E }
```

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

```
.border{ border-color:#06455E }
```

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

Here you see how a box with a 4 pixel #06455E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06455E; -webkit-box-shadow:4px 4px  
4px 4px #06455E; box-shadow:4px 4px 4px  
4px #06455E }
```

Background

The CSS property to change the background color of an element to Hex 06455E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06455E }
```

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

```
.background{ background-color:#06455E }
```

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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