

Converting Colors

Hex(456E63)

Have a look what the booklet for
Hex(456E63) contains.

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Color

Hex(456E63)

Conversions

Conversions Part 1

Format	Color
Hex	456E63
RGB	69, 110, 99
RGB Percent	27%, 43%, 39%
CMY	0.7294, 0.5686, 0.6118
CMYK	0.37, 0.00, 0.10, 0.57
HSL	164°, 23%, 35%
HSV	164°, 37%, 43%
XYZ	10.2823, 13.3179, 13.8331
YIQ	96.4870, -20.9050, -12.1130

Conversions

Conversions Part 2

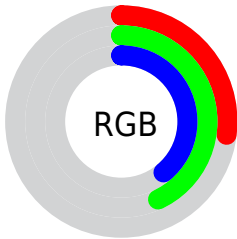
Format	Color
RYB	69, 93, 110
Decimal	4550243
CIELab	43.24, -17.09, 1.59
CIElCh	43, 17.169, 174.677
Yxy	13.3179, 0.2747, 0.3558
Android (android.graphics.Color)	4282740323 (0xFF456E63)
YUV	96.4870, 1.2389, -24.1061
Hunter-Lab	36.4937, -13.5707, 3.0716

Details

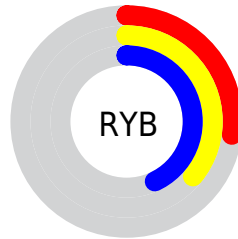
The Hex color **456E63** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E4550**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **77A296**, and **153E35** is the 20% darker color. If you saturate the color by 10%, you get **3A6E60**, and if you desaturate by 10%, it is **506E66**.

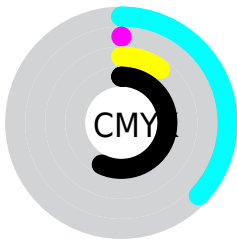
Distribution



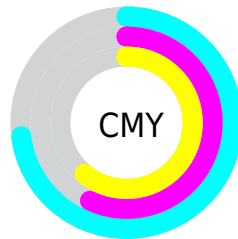
- Red (27%)
- Green (43%)
- Blue (39%)



- Red (27%)
- Yellow (36%)
- Blue (43%)



- Cyan (37%)
- Magenta (0%)
- Yellow (10%)
- Black (57%)



- Cyan (73%)
- Magenta (57%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 456E63 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 456E63 by changing the saturation by 10% instead.

456E63

456E63

FFFFFF

2D564B

77A296

153E35

91BDB0

00281F

ACD9CC

001407

C8F5E8

000000

E4FFFF

456E63

456E63

3A6E60

506E66

2F6E5D

5B6E69

■ 246E5A

■ 666E6C

■ 196E57

■ 716E6F

■ 0E6E54

■ 7C6E72

■ 036E51

■ 876E75

■ 006E50

■ 926E78

■ 9D6E7B

■ A86E7E

Harmonies

Analogous

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



546C55



456E63



3D6E71

Triad

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



456E63



656380



7E6050

Complementary

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



456E63



6E4550

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.



835C5B



456E63



765F77

Square

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



456E63



516882



815C69



73644A

Rectangle

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



456E63



3E6D7A



815C69



805E53

Sweetspot

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



456E63



7F8F8B



516E45



3E4745



C7C7C7



474747

Same Dimension

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



456E63



4F8F7E



45656E



323837



007858



00F7B5

Inverse Universe

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



6E4550



8F4F60



6E4E45



383234



780020



F70042

Previews

White Background



This preview shows how the Hex color 456E63 looks on a white background.

Color Contrast Check

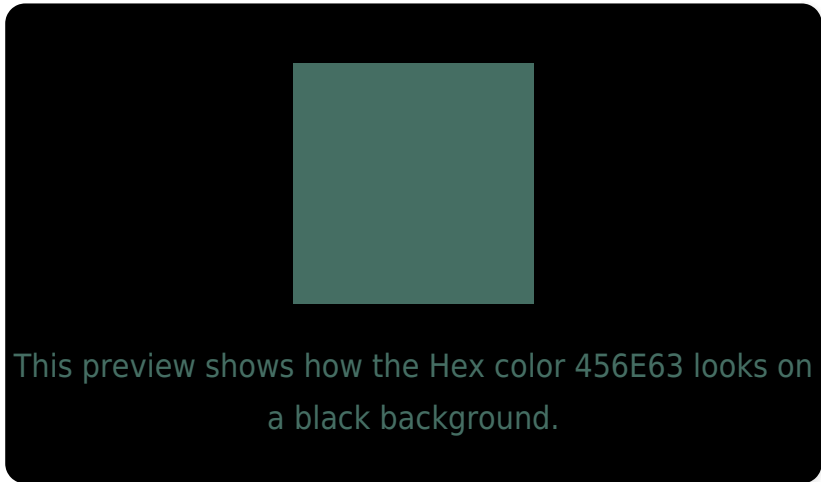
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

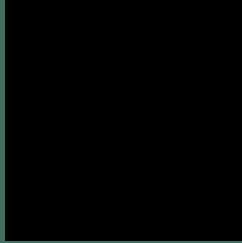
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

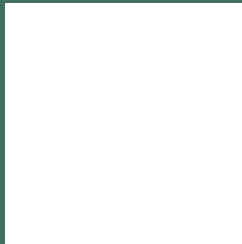
Any Text WCAG AAA × Fail

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

Hex 456E63 Background



This preview shows how black text looks on a background with the Hex color 456E63.

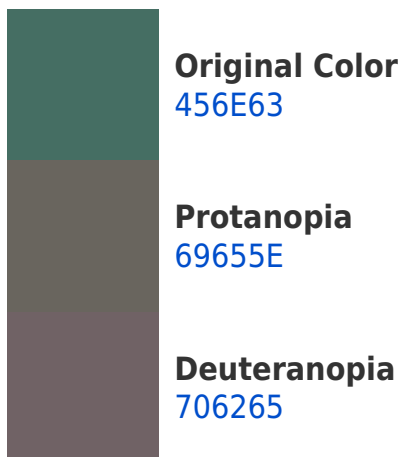



This preview shows how white text looks on a background with the Hex color 456E63.

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](#).

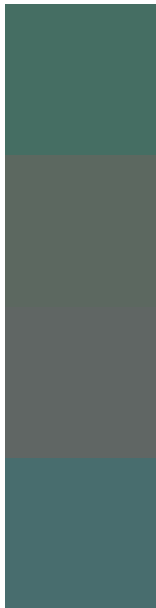
Dichromacy





Tritanopia
496C74

Trichromacy



Original Color
456E63

Protanomaly
5C6860

Deuteranomaly
606664

Tritanomaly
486D6E

Monochromacy



Original Color
456E63

Achromatopsia
606060

Achromatomaly
566561

CSS Examples

Text

The CSS property to change the color of the text to Hex 456E63 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 #456E63 looks like.

```
.text, #text, p{  
    color:#456E63  
}
```

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 #456E63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #456E63  
}
```

Border

The CSS property to change the border of an element to Hex 456E63 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  
#456E63 }
```

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

```
.border{ border-color:#456E63 }
```

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

Here you see how a box with a 4 pixel #456E63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #456E63; -webkit-box-shadow:4px 4px  
4px 4px #456E63; box-shadow:4px 4px 4px  
4px #456E63 }
```

Background

The CSS property to change the background color of an element to Hex 456E63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#456E63 }
```

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

```
.background{ background-color:#456E63 }
```

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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