

Converting Colors

Hex(456E6E)

Have a look what the booklet for
Hex(456E6E) contains.

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Color

Hex(456E6E)

Conversions

Conversions Part 1

Format	Color
Hex	456E6E
RGB	69, 110, 110
RGB Percent	27%, 43%, 43%
CMY	0.7294, 0.5686, 0.5686
CMYK	0.37, 0.00, 0.00, 0.57
HSL	180°, 23%, 35%
HSV	180°, 37%, 43%
XYZ	10.8446, 13.5429, 16.7943
YIQ	97.7410, -24.4360, -8.6920

Conversions

Conversions Part 2

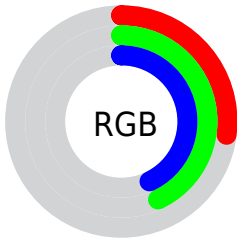
Format	Color
RYB	69, 90, 110
Decimal	4550254
CIELab	43.57, -14.26, -4.55
CIELCh	44, 14.967, 197.703
Yxy	13.5429, 0.2633, 0.3289
Android (android.graphics.Color)	4282740334 (0xFF456E6E)
YUV	97.7410, 6.0437, -25.2059
Hunter-Lab	36.8006, -11.7996, -1.2971

Details

The Hex color **456E6E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E4545**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **77A2A2**, and **143E3F** is the 20% darker color. If you saturate the color by 10%, you get **3A6E6E**, and if you desaturate by 10%, it is **506E6E**.

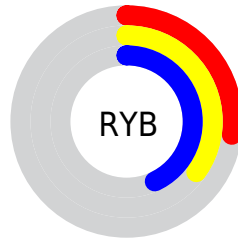
Distribution



Red (27%)

Green (43%)

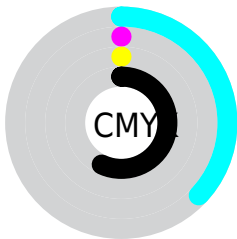
Blue (43%)



Red (27%)

Yellow (35%)

Blue (43%)

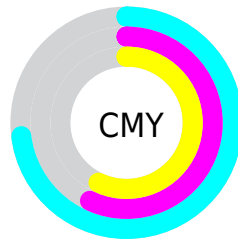


Cyan (37%)

Magenta (0%)

Yellow (0%)

Black (57%)



Cyan (73%)

Magenta (57%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 456E6E 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 456E6E by changing the saturation by 10% instead.



456E6E



456E6E

FFFFFF



2D5656



77A2A2



143E3F



92BDBD



002829



ADD9D8



001514



C8F5F5



000000



E5FFFF



456E6E



456E6E



3A6E6E



506E6E



2F6E6E



5B6E6E

■ 246E6E

■ 666E6E

■ 196E6E

■ 716E6E

■ 0E6E6E

■ 7C6E6E

■ 036E6E

■ 876E6E

■ 006E6E

■ 926E6E

■ 9D6E6E

■ A86E6E

Harmonies

Analogous

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



4D6E61



456E6E



466D79

Triad

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



456E6E



726178



75644F

Complementary

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



456E6E



6E4545

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.



7E6155



456E6E



7D5F6D

Square

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



456E6E



62667E



815E60



69684F

Rectangle

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



456E6E



4D6B7E



815E60



796350

Sweetspot

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



456E6E



7F8F8F



456E45



3E4747



C7C7C7



474747

Same Dimension

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



456E6E



4F8F8F



455A6E



323838



007878



00F7F7

Inverse Universe

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



6E456E



8F4F8F



6E5A45



383238



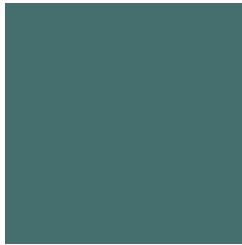
780078



F700F7

Previews

White Background



This preview shows how the Hex color 456E6E looks on a white background.

Color Contrast Check

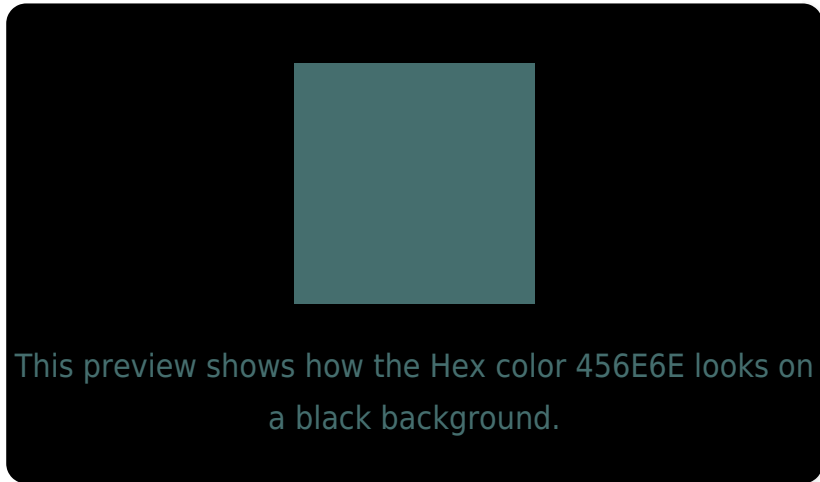
Large Text (above 18pt) WCAG AA ✓ Pass

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

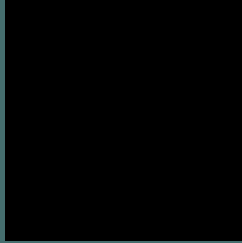
Any Text WCAG AA × Fail

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 456E6E Background



This preview shows how black text looks on a background with the Hex color 456E6E.

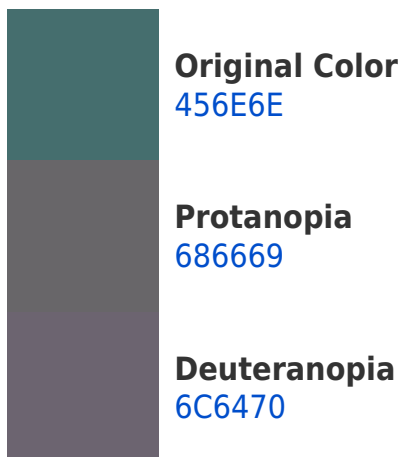



This preview shows how white text looks on a background with the Hex color 456E6E.

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](#).

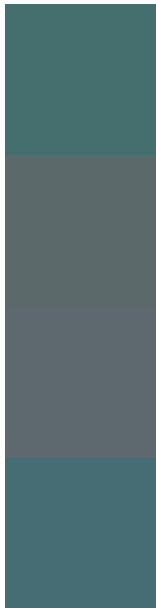
Dichromacy





Tritanopia
476D76

Trichromacy



Original Color
456E6E

Protanomaly
5B696B

Deuteranomaly
5E686F

Tritanomaly
466D73

Monochromacy



Original Color
456E6E

Achromatopsia
626262

Achromatomaly
576666

CSS Examples

Text

The CSS property to change the color of the text to Hex 456E6E 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 #456E6E looks like.

```
.text, #text, p{  
    color:#456E6E  
}
```

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 #456E6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #456E6E
}
```

Border

The CSS property to change the border of an element to Hex 456E6E 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
#456E6E }
```

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

```
.border{ border-color:#456E6E }
```

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

Here you see how a box with a 4 pixel #456E6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #456E6E; -webkit-box-shadow:4px 4px  
4px 4px #456E6E; box-shadow:4px 4px 4px  
4px #456E6E }
```

Background

The CSS property to change the background color of an element to Hex 456E6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#456E6E }
```

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

```
.background{ background-color:#456E6E }
```

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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