

Converting Colors

Hex(406A5E)

Have a look what the booklet for
Hex(406A5E) contains.

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Color

Hex(406A5E)

Conversions

Conversions Part 1

Format	Color
Hex	406A5E
RGB	64, 106, 94
RGB Percent	25%, 42%, 37%
CMY	0.7490, 0.5843, 0.6314
CMYK	0.40, 0.00, 0.11, 0.58
HSL	163°, 25%, 33%
HSV	163°, 40%, 42%
XYZ	9.2888, 12.2062, 12.4561
YIQ	92.0740, -21.1800, -12.6360

Conversions

Conversions Part 2

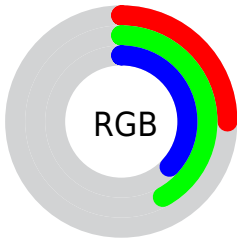
Format	Color
RYB	64, 89, 106
Decimal	4221534
CIELab	41.54, -17.72, 2.12
CIElCh	42, 17.844, 173.173
Yxy	12.2062, 0.2736, 0.3595
Android (android.graphics.Color)	4282411614 (0xFF406A5E)
YUV	92.0740, 0.9495, -24.6209
Hunter-Lab	34.9374, -13.6828, 3.3177

Details

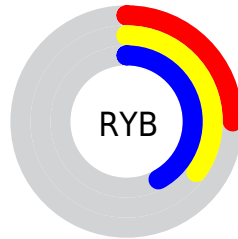
The Hex color **406A5E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A404C**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **729E90**, and **0F3A30** is the 20% darker color. If you saturate the color by 10%, you get **356A5B**, and if you desaturate by 10%, it is **4B6A61**.

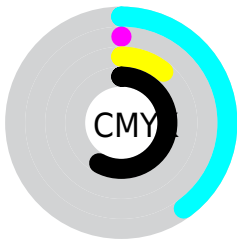
Distribution



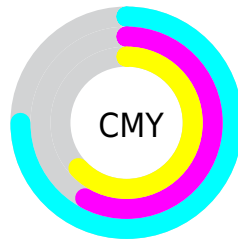
- Red (25%)
- Green (42%)
- Blue (37%)



- Red (25%)
- Yellow (35%)
- Blue (42%)



- Cyan (40%)
- Magenta (0%)
- Yellow (11%)
- Black (58%)



- Cyan (75%)
- Magenta (58%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 406A5E 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 406A5E by changing the saturation by 10% instead.

 406A5E

 406A5E

FFFFFF

 285246

 729E90

 0F3A30

 8CB8AB

 00241B

 A7D4C6

 000B00

 C2F1E2

 000000

 DEFFFF

 FBFFFF

 406A5E

 406A5E

 356A5B

 4B6A61

■ 2B6A58

■ 556A64

■ 206A55

■ 606A67

■ 166A52

■ 6A6A6A

■ 0B6A4F

■ 756A6D

■ 006A4C

■ 806A70

■ 8A6A73

■ 956A76

■ 9F6A79

Harmonies

Analogous

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



506850



406A5E



366A6D

Triad

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



406A5E



605F7D



7B5B4B

Complementary

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



406A5E



6A404C

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.



805857



406A5E



725B74

Square

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



406A5E



4B647F



7D5866



706045

Rectangle

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



406A5E



376976



7D5866



7D5A4F

Sweetspot

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



406A5E



798A85



4D6A40



3B4542



C4C4C4



454545

Same Dimension

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



406A5E



488A77



40626A



303634



007554



00F5AF

Inverse Universe

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



6A404C



8A485A



6A4840



363032



750022



F50046

Previews

White Background



This preview shows how the Hex color 406A5E looks on a white background.

Color Contrast Check

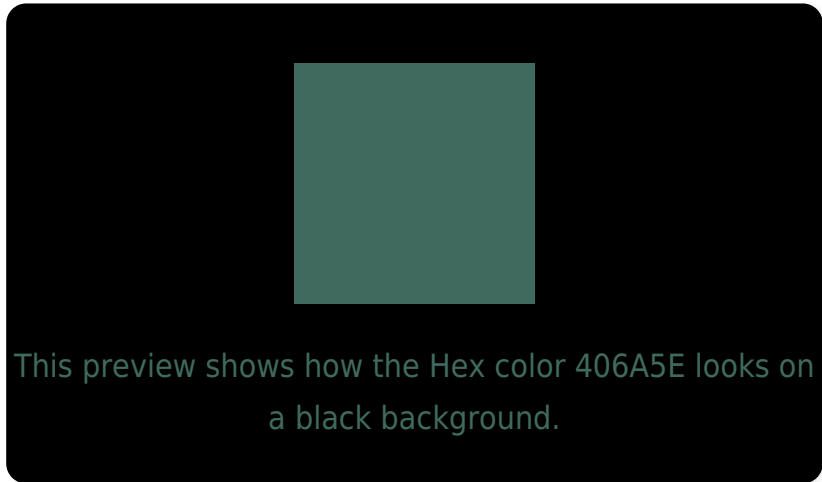
Large Text (above 18pt) WCAG AA ✓ Pass

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

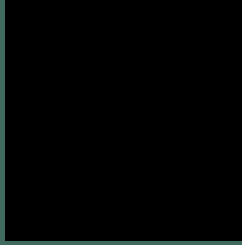
Any Text WCAG AA × Fail

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 406A5E Background



This preview shows how black text looks on a background with the Hex color 406A5E.



This preview shows how white text looks on a background with the Hex color 406A5E.

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



Original Color
406A5E

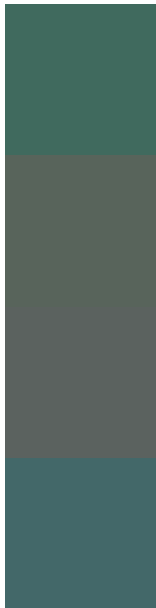
Protanopia
656159

Deuteranopia
6B5E60



Tritanopia
446770

Trichromacy



Original Color
406A5E

Protanomaly
58645B

Deuteranomaly
5B625F

Tritanomaly
436869

Monochromacy



Original Color
406A5E

Achromatopsia
5C5C5C

Achromatomaly
52615D

CSS Examples

Text

The CSS property to change the color of the text to Hex 406A5E 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 #406A5E looks like.

```
.text, #text, p{  
    color:#406A5E  
}
```

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 #406A5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #406A5E
}
```

Border

The CSS property to change the border of an element to Hex 406A5E 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
#406A5E }
```

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

```
.border{ border-color:#406A5E }
```

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

Here you see how a box with a 4 pixel #406A5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #406A5E; -webkit-box-shadow:4px 4px  
4px 4px #406A5E; box-shadow:4px 4px 4px  
4px #406A5E }
```

Background

The CSS property to change the background color of an element to Hex 406A5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#406A5E }
```

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

```
.background{ background-color:#406A5E }
```

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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