

Converting Colors

Hex(405E4E)

Have a look what the booklet for
Hex(405E4E) contains.

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Color

Hex(405E4E)

Conversions

Conversions Part 1

Format	Color
Hex	405E4E
RGB	64, 94, 78
RGB Percent	25%, 37%, 31%
CMY	0.7490, 0.6314, 0.6941
CMYK	0.32, 0.00, 0.17, 0.63
HSL	148°, 19%, 31%
HSV	148°, 32%, 37%
XYZ	7.4922, 9.6455, 8.6746
YIQ	83.2060, -12.7440, -11.3360

Conversions

Conversions Part 2

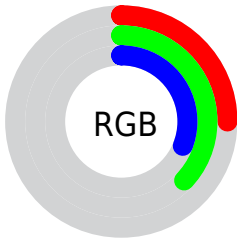
Format	Color
RYB	64, 84, 94
Decimal	4218446
CIELab	37.20, -14.92, 5.66
CIELCh	37, 15.958, 159.214
Yxy	9.6455, 0.2903, 0.3737
Android (android.graphics.Color)	4282408526 (0xFF405E4E)
YUV	83.2060, -2.5666, -16.8437
Hunter-Lab	31.0571, -11.2888, 5.1796

Details

The Hex color **405E4E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E4050**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **71917F**, and **133022** is the 20% darker color. If you saturate the color by 10%, you get **375E49**, and if you desaturate by 10%, it is **495E53**.

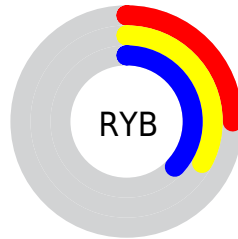
Distribution



Red (25%)

Green (37%)

Blue (31%)



Red (25%)

Yellow (33%)

Blue (37%)

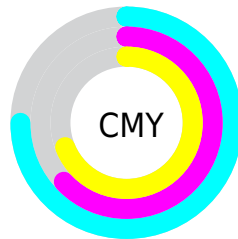


Cyan (32%)

Magenta (0%)

Yellow (17%)

Black (63%)



Cyan (75%)

Magenta (63%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 405E4E 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 405E4E by changing the saturation by 10% instead.



405E4E



405E4E

FFFFFF



294637



71917F



133022



8AAB99



001C0C



A5C6B4



000000



C0E2CF



DCFFEB



F9FFFF



405E4E



405E4E



375E49



495E53

 2D5E44


 535E58

 245E3F

 5C5E5D

 1A5E3A

 665E62

 115E35

 6F5E67

 085E30

 785E6C

 005E2C

 825E71

 8B5E76

 955E7B

Harmonies

Analogous

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



4F5C43



405E4E



345F5B

Triad

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



405E4E



4D5771



705048

Complementary

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



405E4E



5E4050

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.



714E54



405E4E



5F536B

Square

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



405E4E



3C5B6F



6B4F61



695440

Rectangle

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



405E4E



315E64



6B4F61



714F4C

Sweetspot

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



405E4E



6E7A74



505E40



363D39



BDBDBD



3D3D3D

Same Dimension

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



405E4E



4C7A62



405E5D



292E2B



006E33



00ED6F

Inverse Universe

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



5E4050



7A4C65



5E4041



2E292C



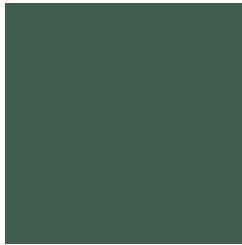
6E003A



ED007E

Previews

White Background



This preview shows how the Hex color 405E4E looks on a white background.

Color Contrast Check

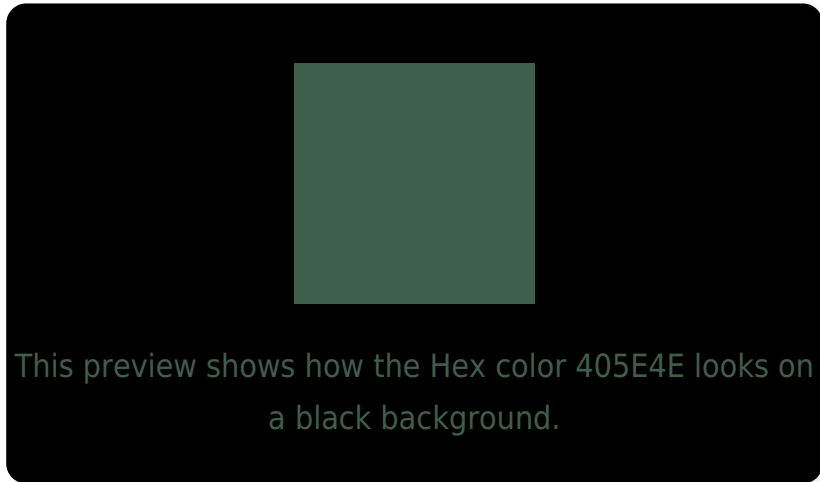
Large Text (above 18pt) WCAG AA ✓ Pass

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

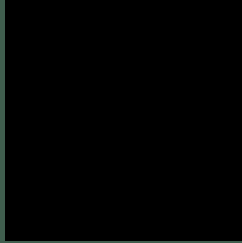
Any Text WCAG AA × Fail

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 405E4E Background



This preview shows how black text looks on a background with the Hex color 405E4E.



This preview shows how white text looks on a background with the Hex color 405E4E.

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
405E4E

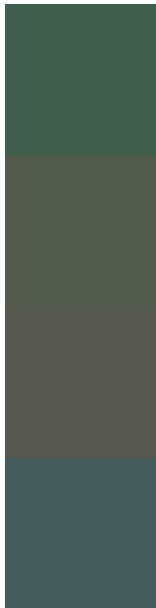
Protanopia
5C574A

Deuteranopia
625450



Tritanopia
445B62

Trichromacy



Original Color
405E4E

Protanomaly
525A4B

Deuteranomaly
56584F

Tritanomaly
435C5B

Monochromacy



Original Color
405E4E

Achromatopsia
535353

Achromatomaly
4C5751

CSS Examples

Text

The CSS property to change the color of the text to Hex 405E4E 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 #405E4E looks like.

```
.text, #text, p{  
    color:#405E4E  
}
```

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 #405E4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #405E4E
}
```

Border

The CSS property to change the border of an element to Hex 405E4E 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
#405E4E }
```

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

```
.border{ border-color:#405E4E }
```

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

Here you see how a box with a 4 pixel #405E4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #405E4E; -webkit-box-shadow:4px 4px  
4px 4px #405E4E; box-shadow:4px 4px 4px  
4px #405E4E }
```

Background

The CSS property to change the background color of an element to Hex 405E4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#405E4E }
```

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

```
.background{ background-color:#405E4E }
```

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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