

Converting Colors

Hex(405C51)

Have a look what the booklet for
Hex(405C51) contains.

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Color

Hex(405C51)

Conversions

Conversions Part 1

Format	Color
Hex	405C51
RGB	64, 92, 81
RGB Percent	25%, 36%, 32%
CMY	0.7490, 0.6392, 0.6824
CMYK	0.30, 0.00, 0.12, 0.64
HSL	156°, 18%, 31%
HSV	156°, 30%, 36%
XYZ	7.4267, 9.3384, 9.1956
YIQ	82.3740, -13.1570, -9.3570

Conversions

Conversions Part 2

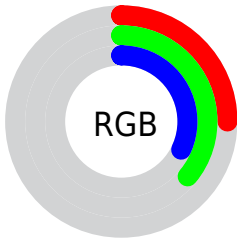
Format	Color
RYB	64, 81, 92
Decimal	4217937
CIELab	36.63, -13.09, 2.99
CIElCh	37, 13.423, 167.131
Yxy	9.3384, 0.2861, 0.3597
Android (android.graphics.Color)	4282408017 (0xFF405C51)
YUV	82.3740, -0.6774, -16.1140
Hunter-Lab	30.5587, -10.0969, 3.5498

Details

The Hex color **405C51** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5C404B**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **718E82**, and **132E25** is the 20% darker color. If you saturate the color by 10%, you get **375C4D**, and if you desaturate by 10%, it is **495C55**.

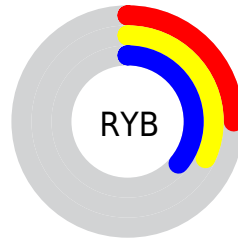
Distribution



 Red (25%)

 Green (36%)

 Blue (32%)




 Red (25%)

 Yellow (32%)

 Blue (36%)

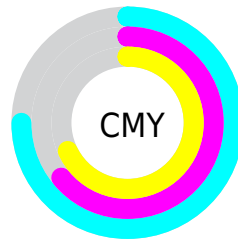


 Cyan (30%)


 Magenta (0%)

 Yellow (12%)

 Black (64%)



 Cyan (75%)

 Magenta (64%)

 Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 405C51 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 405C51 by changing the saturation by 10% instead.

■ 405C51

■ 405C51

FFFFFF

■ 29443A

■ 718E82

■ 132E25

■ 8AA99C

■ 001A0F

■ A5C4B7

■ 000000

■ C0E0D3

■ DCFDEF

■ F9FFFF

■ 405C51

■ 405C51

■ 375C4D

■ 495C55

■ 2E5C4A

■ 525C58

■ 245C46

■ 5C5C5C

■ 1B5C43

■ 655C5F

■ 125C3F

■ 6E5C63

■ 095C3B

■ 775C67

■ 005C38

■ 805C6A

■ 8A5C6E

■ 935C72

Harmonies

Analogous

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



4C5A47



405C51



395C5C

Triad

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



405C51



52556B



6A5147

Complementary

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



405C51



5C404B

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.



6C4F50



405C51



5F5165

Square

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



405C51



43596B



694F5B



635441

Rectangle

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



405C51



385C63



694F5B



6B504A

Sweetspot

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



405C51



6D7874



4B5C40



363D3B



BDBDBD



3D3D3D

Same Dimension

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



405C51



4C7866



40595C



292E2C



006E43



00ED90

Inverse Universe

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



5C404B



784C5D



5C4340



2E292B



6E002B



ED005D

Previews

White Background



This preview shows how the Hex color 405C51 looks on a white background.

Color Contrast Check

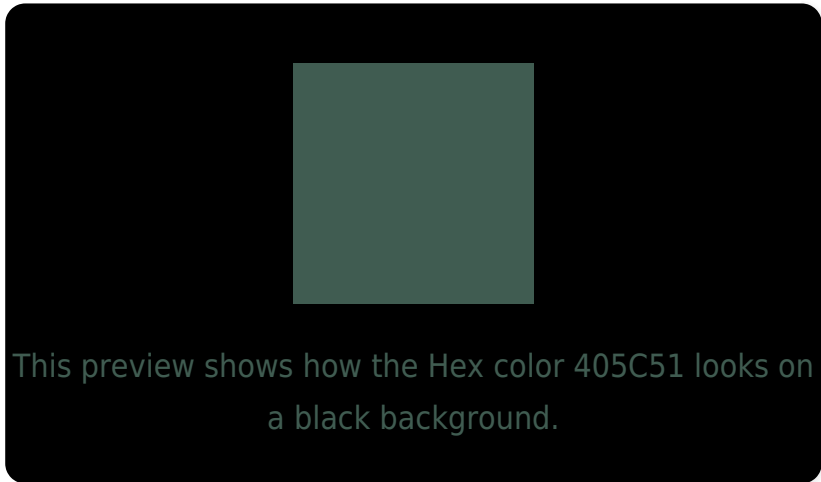
Large Text (above 18pt) WCAG AA ✓ Pass

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

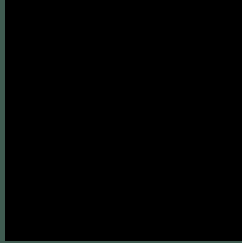
Any Text WCAG AA × Fail

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 405C51 Background



This preview shows how black text looks on a background with the Hex color 405C51.

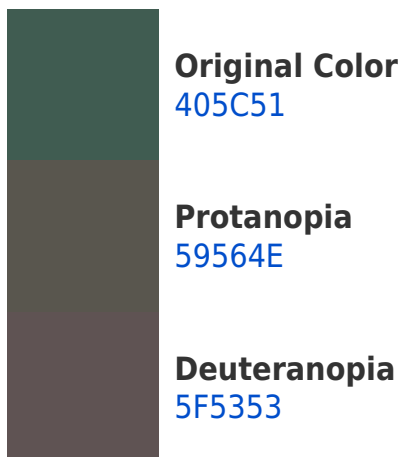



This preview shows how white text looks on a background with the Hex color 405C51.

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](#).

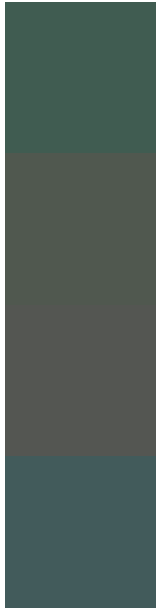
Dichromacy





Tritanopia
435A61

Trichromacy



Original Color
405C51

Protanomaly
50584F

Deuteranomaly
545652

Tritanomaly
425B5B

Monochromacy



Original Color
405C51

Achromatopsia
525252

Achromatomaly
4B5652

CSS Examples

Text

The CSS property to change the color of the text to Hex 405C51 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 #405C51 looks like.

```
.text, #text, p{  
    color:#405C51  
}
```

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 #405C51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #405C51
}
```

Border

The CSS property to change the border of an element to Hex 405C51 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
#405C51 }
```

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

```
.border{ border-color:#405C51 }
```

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

Here you see how a box with a 4 pixel #405C51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #405C51; -webkit-box-shadow:4px 4px  
4px 4px #405C51; box-shadow:4px 4px 4px  
4px #405C51 }
```

Background

The CSS property to change the background color of an element to Hex 405C51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#405C51 }
```

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

```
.background{ background-color:#405C51 }
```

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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