

Converting Colors

Hex(405955)

Have a look what the booklet for
Hex(405955) contains.

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Color

Hex(405955)

Conversions

Conversions Part 1

Format	Color
Hex	405955
RGB	64, 89, 85
RGB Percent	25%, 35%, 33%
CMY	0.7490, 0.6510, 0.6667
CMYK	0.28, 0.00, 0.04, 0.65
HSL	170°, 16%, 30%
HSV	170°, 28%, 35%
XYZ	7.3264, 8.8906, 9.9242
YIQ	81.0690, -13.6160, -6.5440

Conversions

Conversions Part 2

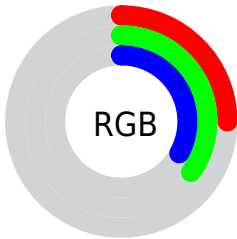
Format	Color
RYB	64, 78, 89
Decimal	4217173
CIELab	35.77, -10.37, -0.74
CIELCh	36, 10.394, 184.101
Yxy	8.8906, 0.2803, 0.3401
Android (android.graphics.Color)	4282407253 (0xFF405955)
YUV	81.0690, 1.9380, -14.9695
Hunter-Lab	29.8171, -8.3205, 1.1381

Details

The Hex color **405955** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **594044**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **718B87**, and **142B28** is the 20% darker color. If you saturate the color by 10%, you get **375954**, and if you desaturate by 10%, it is **495956**.

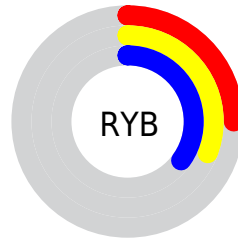
Distribution



 Red (25%)

 Green (35%)

 Blue (33%)



 Red (25%)

 Yellow (31%)

 Blue (35%)

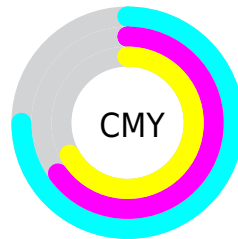


 Cyan (28%)


 Magenta (0%)

 Yellow (4%)

 Black (65%)



 Cyan (75%)

 Magenta (65%)

 Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 405955 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 405955 by changing the saturation by 10% instead.

■ 405955

■ 405955

FFFFFF

■ 29423E

■ 718B87

■ 142B28

■ 8AA5A1

■ 001814

■ A5C1BC

■ 000000

■ C0DCD7

■ DCF9F4

■ F9FFFF

■ 405955

■ 405955

■ 375954

■ 495956

■ 2E5952

■ 525958

■ 255951

■ 5B5959

■ 1C594F

■ 64595B

■ 14594E

■ 6D595C

■ 0B594C

■ 75595E

■ 02594B

■ 7E595F

■ 00594B

■ 875960

■ 905962

Harmonies

Analogous

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



47584D



405955



3E595D

Triad

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



405955



575262



615145

Complementary

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



405955



594044

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.



654F4B



405955



604F5C

Square

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



405955



4C5465



654E53



5A5444

Rectangle

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



405955



415861



654E53



635047

Sweetspot

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



405955



6A7371



445940



353B3A



BABABA



3B3B3B

Same Dimension

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



405955



4C736D



405159



272B2B



006B5A



00EBC5

Inverse Universe

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



594044



734C52



594840



2B2728



6B0011



EB0026

Previews

White Background



This preview shows how the Hex color 405955 looks on a white background.

Color Contrast Check

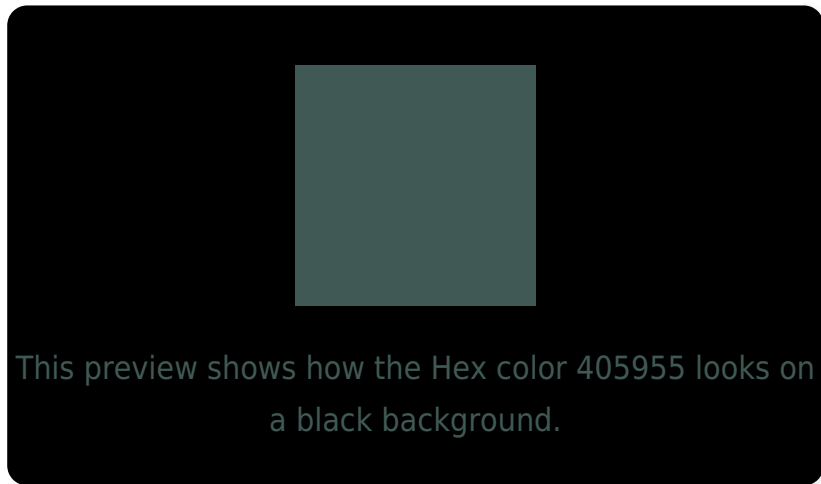
Large Text (above 18pt) WCAG AA ✓ Pass

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

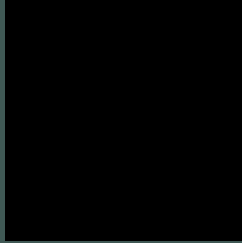
Any Text WCAG AA × Fail

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 405955 Background



This preview shows how black text looks on a background with the Hex color 405955.



This preview shows how white text looks on a background with the Hex color 405955.

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](#).

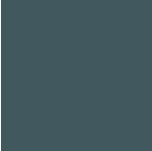
Dichromacy



Original Color
405955

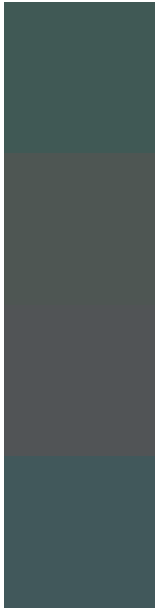
Protanopia
565452

Deuteranopia
5B5157



Tritanopia
42585F

Trichromacy



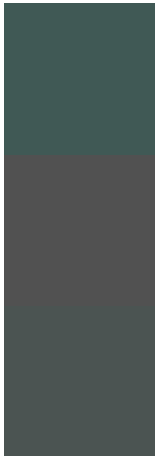
Original Color
405955

Protanomaly
4E5653

Deuteranomaly
515456

Tritanomaly
41585B

Monochromacy



Original Color
405955

Achromatopsia
515151

Achromatomaly
4B5452

CSS Examples

Text

The CSS property to change the color of the text to Hex 405955 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 #405955 looks like.

```
.text, #text, p{  
  color:#405955  
}
```

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 #405955 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #405955
}
```

Border

The CSS property to change the border of an element to Hex 405955 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
#405955 }
```

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

```
.border{ border-color:#405955 }
```

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

Here you see how a box with a 4 pixel #405955 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #405955; -webkit-box-shadow:4px 4px  
4px 4px #405955; box-shadow:4px 4px 4px  
4px #405955 }
```

Background

The CSS property to change the background color of an element to Hex 405955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#405955 }
```

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

```
.background{ background-color:#405955 }
```

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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