

Converting Colors

Hex(404635)

Have a look what the booklet for
Hex(404635) contains.

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Color

Hex(404635)

Conversions

Conversions Part 1

Format	Color
Hex	404635
RGB	64, 70, 53
RGB Percent	25%, 27%, 21%
CMY	0.7490, 0.7255, 0.7922
CMYK	0.09, 0.00, 0.24, 0.73
HSL	81°, 14%, 24%
HSV	81°, 24%, 27%
XYZ	4.9471, 5.7273, 4.2129
YIQ	66.2680, 1.8810, -6.5590

Conversions

Conversions Part 2

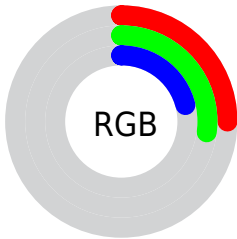
Format	Color
RYB	53, 70, 59
Decimal	4212277
CIELab	28.71, -6.05, 9.45
CIELCh	29, 11.218, 122.626
Yxy	5.7273, 0.3323, 0.3847
Android (android.graphics.Color)	4282402357 (0xFF404635)
YUV	66.2680, -6.5411, -1.9890
Hunter-Lab	23.9319, -4.9819, 6.3151

Details

The Hex color **404635** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3B3546**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **707664**, and **161B08** is the 20% darker color. If you saturate the color by 10%, you get **3E462E**, and if you desaturate by 10%, it is **42463C**.

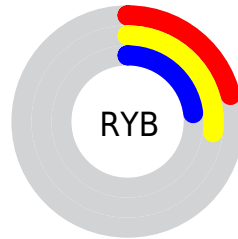
Distribution



Red (25%)

Green (27%)

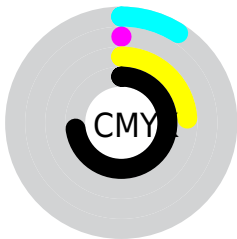
Blue (21%)



Red (21%)

Yellow (27%)

Blue (23%)

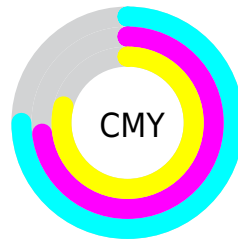


Cyan (9%)

Magenta (0%)

Yellow (24%)

Black (73%)



Cyan (75%)

Magenta (73%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 404635 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 404635 by changing the saturation by 10% instead.

■ 404635

■ 404635

FFFFFF

■ 2A3020

■ 707664

■ 161B08

■ 89907D

■ 000000

■ A4AA96

■ BFC6B1

■ DBE2CD

■ F7FEE9

■ 404635

■ 404635

■ 3E462E

■ 42463C

■ 3B4627

■ 454643

■ 394620

■ 47464A

■ 364619

■ 4A4651

■ 344612

■ 4C4658

■ 31460B

■ 4F465F

■ 2F4604

■ 514666

■ 2D4600

■ 54466D

■ 564674

Harmonies

Analogous

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



4A4332



404635



36483B

Triad

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



404635



304753



553E43

Complementary

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



404635



3B3546

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.



503F4C



404635



3B4455

Square

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



404635



2C484D



464152



553E3B

Rectangle

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



404635



314941



464152



543E46

Sweetspot

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



404635



5A5C55



463B35



2D2E2A



ADADAD



2E2E2E

Same Dimension

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



404635



525C41



384635



222420



406300



93E300

Inverse Universe

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



3B3546



4B415C



433546



212024



230063



5000E3

Previews

White Background



This preview shows how the Hex color 404635 looks on a white background.

Color Contrast Check

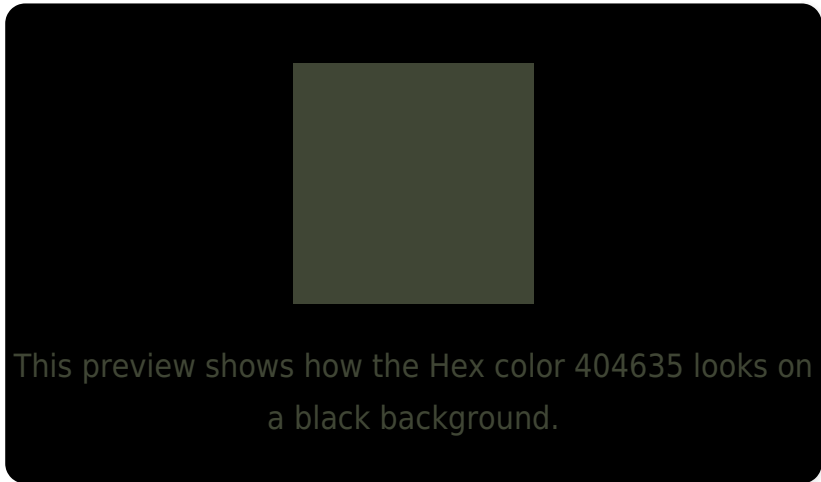
Large Text (above 18pt) WCAG AA ✓ Pass

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

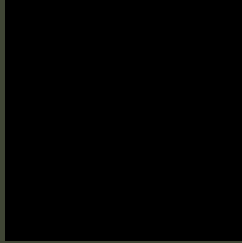
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

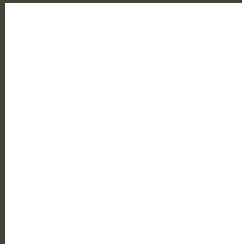
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 404635 Background



This preview shows how black text looks on a background with the Hex color 404635.

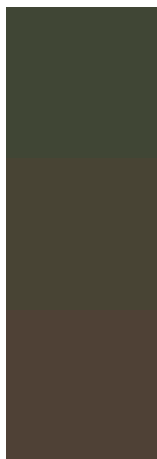


This preview shows how white text looks on a background with the Hex color 404635.

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

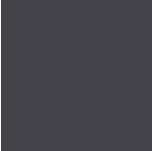
404635

Protanopia

484434

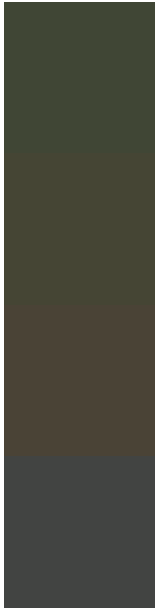
Deuteranopia

4F4136



Tritanopia
434349

Trichromacy



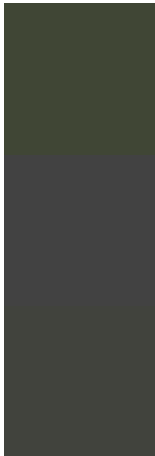
Original Color
404635

Protanomaly
454534

Deuteranomaly
4A4336

Tritanomaly
424442

Monochromacy



Original Color
404635

Achromatopsia
424242

Achromatomaly
41433D

CSS Examples

Text

The CSS property to change the color of the text to Hex 404635 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 #404635 looks like.

```
.text, #text, p{  
    color:#404635  
}
```

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 #404635 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #404635
}
```

Border

The CSS property to change the border of an element to Hex 404635 is called "border". The border property can be set on classes, ids or directly on the HTML element.

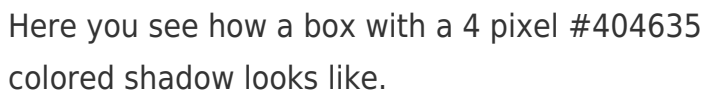
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#404635 }
```

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

```
.border{ border-color:#404635 }
```

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



Here you see how a box with a 4 pixel #404635 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #404635; -webkit-box-shadow:4px 4px  
4px 4px #404635; box-shadow:4px 4px 4px  
4px #404635 }
```

Background

The CSS property to change the background color of an element to Hex 404635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#404635 }
```

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

```
.background{ background-color:#404635 }
```

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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