

Converting Colors

Hex(404045)

Have a look what the booklet for
Hex(404045) contains.

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Color

Hex(404045)

Conversions

Conversions Part 1

Format	Color
Hex	404045
RGB	64, 64, 69
RGB Percent	25%, 25%, 27%
CMY	0.7490, 0.7490, 0.7294
CMYK	0.07, 0.07, 0.00, 0.73
HSL	240°, 4%, 26%
HSV	240°, 7%, 27%
XYZ	5.0219, 5.1865, 6.3666
YIQ	64.5700, -1.6050, 1.5550

Conversions

Conversions Part 2

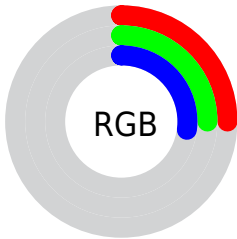
Format	Color
RYB	64, 64, 69
Decimal	4210757
CIELab	27.26, 1.16, -3.04
CIElCh	27, 3.254, 290.831
Yxy	5.1865, 0.3030, 0.3129
Android (android.graphics.Color)	4282400837 (0xFF404045)
YUV	64.5700, 2.1840, -0.4999
Hunter-Lab	22.7738, -0.4925, -0.6334

Details

The Hex color **404045** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **454540**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **707075**, and **16161A** is the 20% darker color. If you saturate the color by 10%, you get **393945**, and if you desaturate by 10%, it is **474745**.

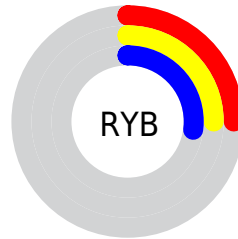
Distribution



 Red (25%)

 Green (25%)

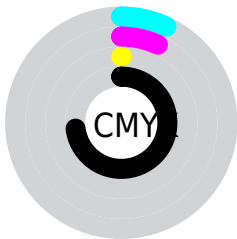
 Blue (27%)



 Red (25%)

 Yellow (25%)

 Blue (27%)

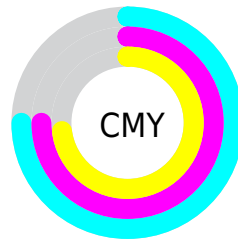


 Cyan (7%)

 Magenta (7%)

 Yellow (0%)

 Black (73%)



 Cyan (75%)

 Magenta (75%)

 Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 404045 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 404045 by changing the saturation by 10% instead.

■ 404045

■ 404045

FFFFFF

■ 2A2A2F

■ 707075

■ 16161A

■ 89898F

■ 000000

■ A3A3A9

■ BEBEC4

■ DADAE0

■ F7F7FD

■ 404045

■ 404045

■ 393945

■ 474745

■ 323245

■ 4E4E45

■ 2B2B45

■ 555545

■ 242445

■ 5C5C45

■ 1E1E45

■ 636345

■ 171745

■ 696945

■ 101045

■ 707045

■ 090945

■ 777745

■ 020245

■ 7E7E45

Harmonies

Analogous

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



3D4145



404045



433F44

Triad

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



404045



453F3D



3B423F

Complementary

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



404045



454540

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.



3E413D



404045



43403C

Square

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



404045



463F3F



41413C



3A4242

Rectangle

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



404045



453F42



41413C



3C423F

Sweetspot

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



404045



575759



404545



2D2D2E



ADADAD



2E2E2E

Same Dimension

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



404045



515159



434045



202024



000063



0000E3

Inverse Universe

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



454045



595159



434540



242024



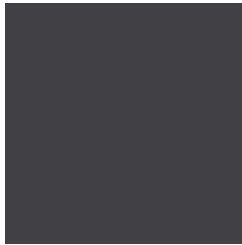
630063



E300E3

Previews

White Background



This preview shows how the Hex color 404045 looks on a white background.

Color Contrast Check

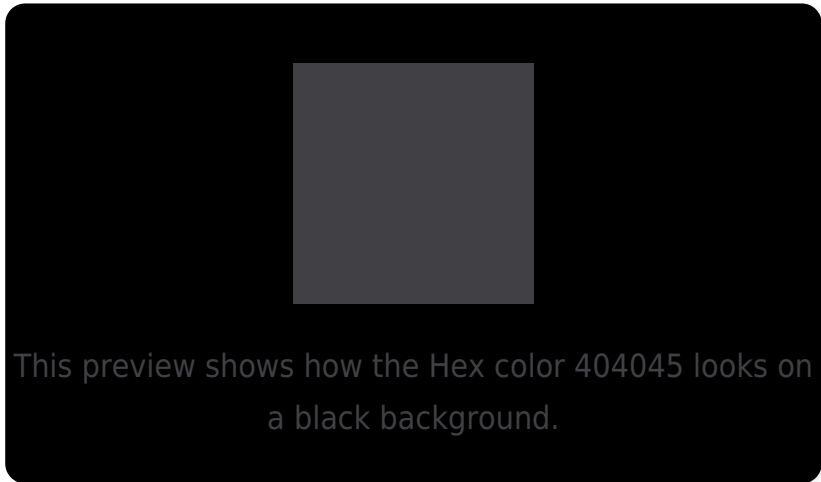
Large Text (above 18pt) WCAG AA ✓ Pass

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

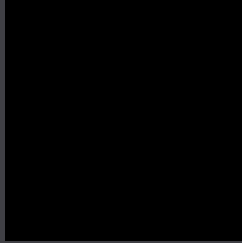
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

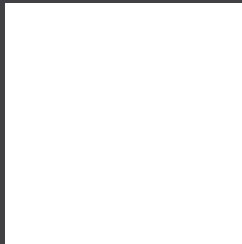
Any Text WCAG AAA × Fail

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

Hex 404045 Background



This preview shows how black text looks on a background with the Hex color 404045.

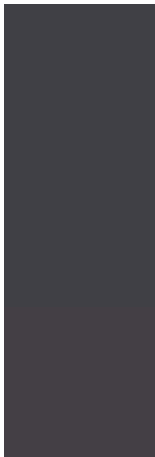


This preview shows how white text looks on a background with the Hex color 404045.

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
404045

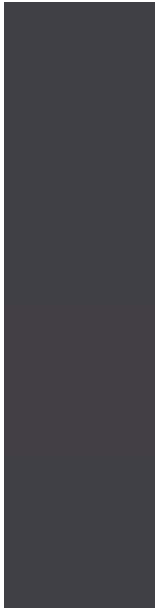
Protanopia
404045

Deuteranopia
443F45



Tritanopia
404045

Trichromacy



Original Color

404045

Protanomaly

404045

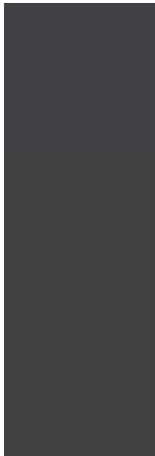
Deuteranomaly

433F45

Tritanomaly

404045

Monochromacy



Original Color

404045

Achromatopsia

414141

Achromatomaly

414142

CSS Examples

Text

The CSS property to change the color of the text to Hex 404045 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 #404045 looks like.

```
.text, #text, p{  
    color:#404045  
}
```

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 #404045 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #404045
}
```

Border

The CSS property to change the border of an element to Hex 404045 is called "border". The border property can be set on classes, ids or directly on the HTML element.

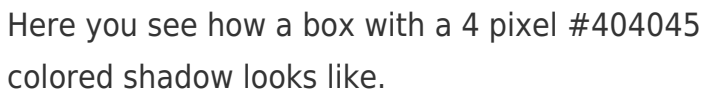
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#404045 }
```

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

```
.border{ border-color:#404045 }
```

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



Here you see how a box with a 4 pixel #404045 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #404045; -webkit-box-shadow:4px 4px  
4px 4px #404045; box-shadow:4px 4px 4px  
4px #404045 }
```

Background

The CSS property to change the background color of an element to Hex 404045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#404045 }
```

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

```
.background{ background-color:#404045 }
```

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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