

# Converting Colors

Hex(404240)

Have a look what the booklet for  
Hex(404240) contains.

<b>Hex(404240)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	22
<b><i>Color Blindness Simulation</i></b> .....	25
<b><i>CSS Examples</i></b> .....	28

# Color

**Hex(404240)**

# Conversions

## Conversions Part 1

Format	Color
Hex	404240
RGB	64, 66, 64
RGB Percent	25%, 26%, 25%
CMY	0.7490, 0.7412, 0.7490
CMYK	0.03, 0.00, 0.03, 0.74
HSL	120°, 2%, 25%
HSV	120°, 3%, 26%
XYZ	4.9880, 5.3566, 5.6215
YIQ	65.1740, -0.5500, -1.0460

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 66, 66
Decimal	4211264
CIELab	27.73, -1.28, 0.92
CIElCh	28, 1.579, 144.368
Yxy	5.3566, 0.3124, 0.3355
Android (android.graphics.Color)	4282401344 (0xFF404240)
YUV	65.1740, -0.5788, -1.0296
Hunter-Lab	23.1443, -2.0328, 1.8001

# Details

The Hex color **404240** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **424042**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **707270**, and **161716** is the 20% darker color. If you saturate the color by 10%, you get **394239**, and if you desaturate by 10%, it is **474247**.

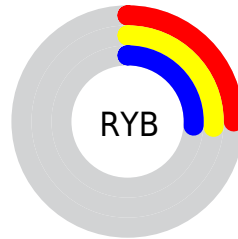
# Distribution



Red (25%)

Green (26%)

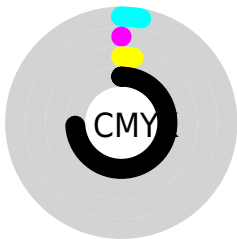
Blue (25%)



Red (25%)

Yellow (26%)

Blue (26%)

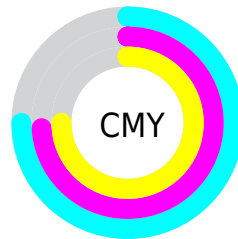


Cyan (3%)

Magenta (0%)

Yellow (3%)

Black (74%)



Cyan (75%)

Magenta (74%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 404240 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 404240 by changing the saturation by 10% instead.



■ 404240

■ 404240

FFFFFF

■ 2A2C2A

■ 707270

■ 161716

■ 898B89

■ 000000

■ A3A6A3

■ BEC1BE

■ DADDDA

■ F7F9F7

■ 404240

■ 404240

■ 394239

■ 474247

■ 334233

■ 4D424D

■ 2C422C

■ 544254

■ 264226

■ 5A425A

■ 1F421F

■ 614261

■ 184218

■ 684268

■ 124212

■ 6E426E

■ 0B420B

■ 754275

■ 054205

■ 7B427B

# Harmonies

## Analogous

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



41423F



404240



3F4241

# Triad

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



404240



404244



444140

# Complementary

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



404240



424042

# 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.



444142



404240



414144

# Square

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



404240



3F4243



434143



444140

# Rectangle

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



404240



3F4242



434143



444141



# Sweetspot

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



404240



565756



424240



2B2B2B



ABABAB

# Same Dimension

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



404240



535753



404241



1F211F



006100



00E000



# Inverse Universe

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



424042



575357



424041



211F21



610061

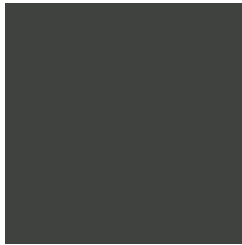


E000E0



# Previews

## White Background



This preview shows how the Hex color 404240 looks on a white background.

## Color Contrast Check

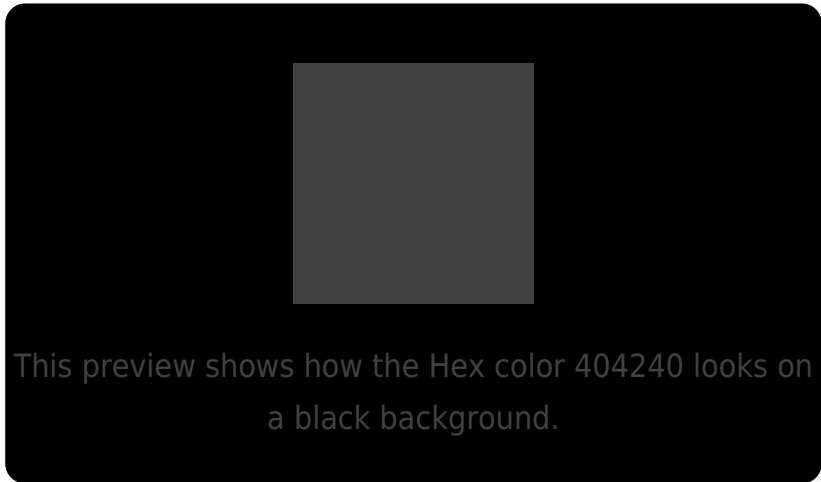
Large Text (above 18pt) WCAG AA ✓ Pass

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

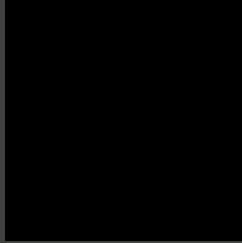
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

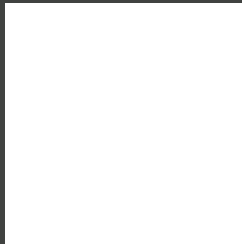
Any Text WCAG AAA × Fail

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

## Hex 404240 Background



This preview shows how black text looks on a background with the Hex color 404240.



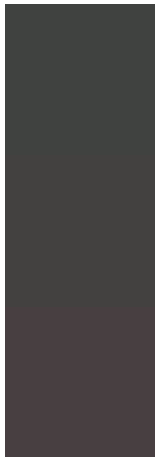
This preview shows how white text looks on a background with the Hex color 404240.



# 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**  
404240

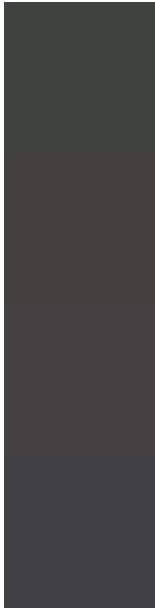
**Protanopia**  
434140

**Deuteranopia**  
483F41



**Tritanopia**  
414146

# Trichromacy



**Original Color**

404240

**Protanomaly**

424140

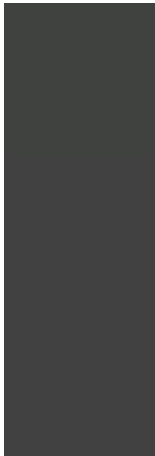
**Deuteranomaly**

454041

**Tritanomaly**

414144

# Monochromacy



**Original Color**

404240

**Achromatopsia**

414141

**Achromatomaly**

414141

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 404240 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 #404240 looks like.

```
.text, #text, p{  
    color:#404240  
}
```

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 #404240 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #404240
}
```

## Border

The CSS property to change the border of an element to Hex 404240 is called "border". The border property can be set on classes, ids or directly on the HTML element.

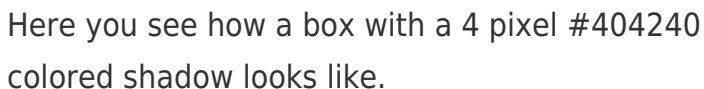
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#404240 }
```

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

```
.border{ border-color:#404240 }
```

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



Here you see how a box with a 4 pixel #404240 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #404240; -webkit-box-shadow:4px 4px  
4px 4px #404240; box-shadow:4px 4px 4px  
4px #404240 }
```

# Background

The CSS property to change the background color of an element to Hex 404240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#404240 }
```

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

```
.background{ background-color:#404240 }
```

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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