

Converting Colors

Hex(404242)

Have a look what the booklet for
Hex(404242) contains.

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Color

Hex(404242)

Conversions

Conversions Part 1

Format	Color
Hex	404242
RGB	64, 66, 66
RGB Percent	25%, 26%, 26%
CMY	0.7490, 0.7412, 0.7412
CMYK	0.03, 0.00, 0.00, 0.74
HSL	180°, 2%, 25%
HSV	180°, 3%, 26%
XYZ	5.0459, 5.3798, 5.9267
YIQ	65.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

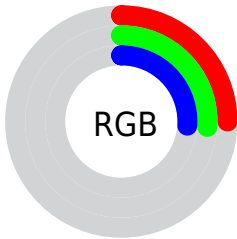
Format	Color
RYB	64, 65, 66
Decimal	4211266
CIELab	27.79, -0.83, -0.30
CIELCh	28, 0.884, 199.542
Yxy	5.3798, 0.3086, 0.3290
Android (android.graphics.Color)	4282401346 (0xFF404242)
YUV	65.4020, 0.2948, -1.2296
Hunter-Lab	23.1943, -1.7573, 1.0860




Details

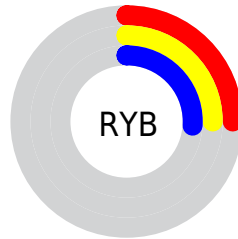
The Hex color **404242** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **424040**, and the grayscale version is **414141**.




A 20% lighter version of the original color is **707272**, and **161717** is the 20% darker color. If you saturate the color by 10%, you get **394242**, and if you desaturate by 10%, it is **474242**.

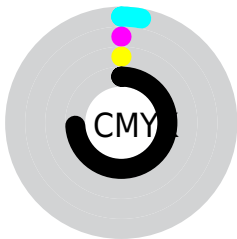
Distribution







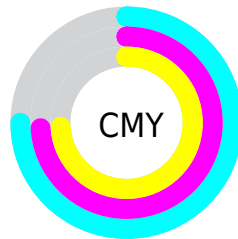
-  Red (25%)
-  Green (26%)
-  Blue (26%)






-  Red (25%)
-  Yellow (25%)
-  Blue (26%)



-  Cyan (3%)
-  Magenta (0%)
-  Yellow (0%)
-  Black (74%)



-  Cyan (75%)
-  Magenta (74%)
-  Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 404242 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 404242 by changing the saturation by 10% instead.

■ 404242

■ 404242

FFFFFF

■ 2A2C2C

■ 707272

■ 161717

■ 898B8B

■ 000000

■ A3A6A6

■ BEC1C1

■ DADDDD

■ F7F9F9

■ 404242

■ 404242

■ 394242

■ 474242

■ 334242

■ 4D4242

■ 2C4242

■ 544242

■ 264242

■ 5A4242

■ 1F4242

■ 614242

■ 184242

■ 684242

■ 124242

■ 6E4242

■ 0B4242

■ 754242

■ 054242

■ 7B4242

Harmonies

Analogous

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



404241



404242



404243

Triad

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



404242



424142



424140

Complementary

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



404242



424040

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.



434141



404242



434142

Square

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



404242



414143



434141



424240

Rectangle

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



404242



404243



434141



434140

Sweetspot

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



404242



565757



404240



2B2B2B



ABABAB

Same Dimension

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



404242



535757



404142



1F2121



006161



00E0E0

Inverse Universe

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



424042



575357



424140



211F21



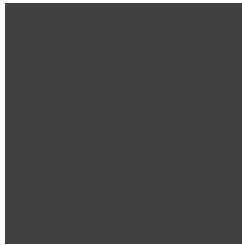
610061



E000E0

Previews

White Background



This preview shows how the Hex color 404242 looks on a white background.

Color Contrast Check

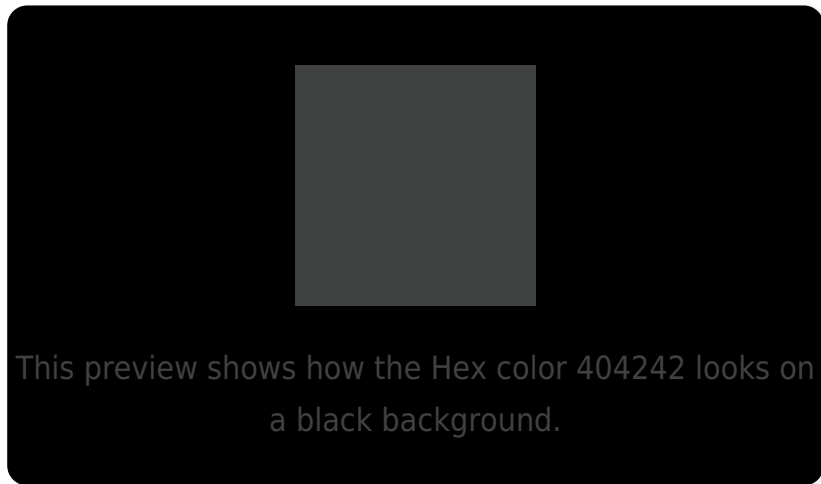
Large Text (above 18pt) WCAG AA ✓ Pass

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

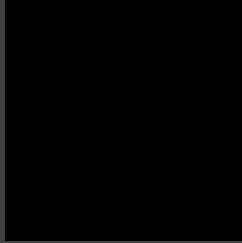
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

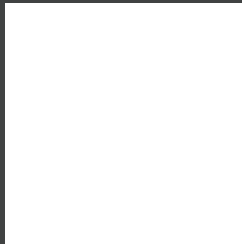
Any Text WCAG AAA × Fail

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

Hex 404242 Background



This preview shows how black text looks on a background with the Hex color 404242.

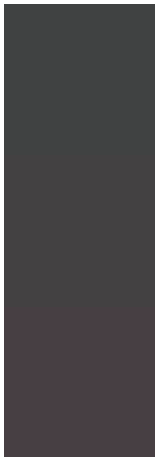


This preview shows how white text looks on a background with the Hex color 404242.

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
404242

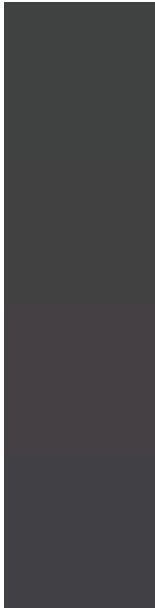
Protanopia
434142

Deuteranopia
473F43



Tritanopia
414146

Trichromacy



Original Color

404242

Protanomaly

424142

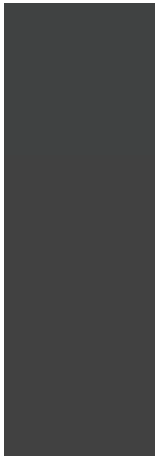
Deuteranomaly

444043

Tritanomaly

414145

Monochromacy



Original Color

404242

Achromatopsia

414141

Achromatomaly

414141

CSS Examples

Text

The CSS property to change the color of the text to Hex 404242 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 #404242 looks like.

```
.text, #text, p{  
    color:#404242  
}
```

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 #404242 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #404242
}
```

Border

The CSS property to change the border of an element to Hex 404242 is called "border". The border property can be set on classes, ids or directly on the HTML element.

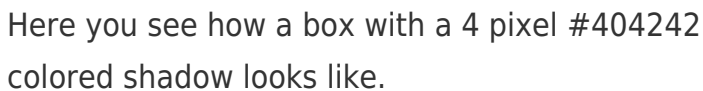
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#404242 }
```

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

```
.border{ border-color:#404242 }
```

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



Here you see how a box with a 4 pixel #404242 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #404242; -webkit-box-shadow:4px 4px  
4px 4px #404242; box-shadow:4px 4px 4px  
4px #404242 }
```

Background

The CSS property to change the background color of an element to Hex 404242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#404242 }
```

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

```
.background{ background-color:#404242 }
```

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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