

Converting Colors

Hex(424644)

Have a look what the booklet for
Hex(424644) contains.

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Color

Hex(424644)

Conversions

Conversions Part 1

Format	Color
Hex	424644
RGB	66, 70, 68
RGB Percent	26%, 27%, 27%
CMY	0.7412, 0.7255, 0.7333
CMYK	0.06, 0.00, 0.03, 0.73
HSL	150°, 3%, 27%
HSV	150°, 6%, 27%
XYZ	5.4803, 5.9559, 6.3296
YIQ	68.5760, -1.7420, -1.4700

Conversions

Conversions Part 2

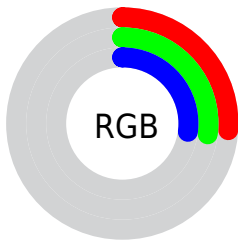
Format	Color
RYB	66, 69, 70
Decimal	4343364
CIELab	29.30, -2.10, 0.63
CIElCh	29, 2.191, 163.323
Yxy	5.9559, 0.3085, 0.3352
Android (android.graphics.Color)	4282533444 (0xFF424644)
YUV	68.5760, -0.2840, -2.2592
Hunter-Lab	24.4048, -2.6245, 1.7059

Details

The Hex color **424644** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **464244**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **727674**, and **171B19** is the 20% darker color. If you saturate the color by 10%, you get **3B4640**, and if you desaturate by 10%, it is **494648**.

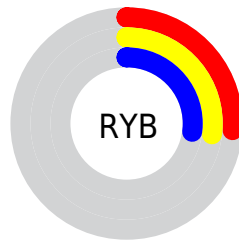
Distribution



Red (26%)

Green (27%)

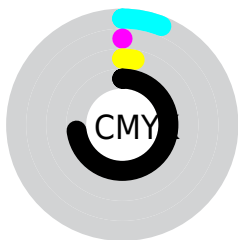
Blue (27%)



Red (26%)

Yellow (27%)

Blue (27%)

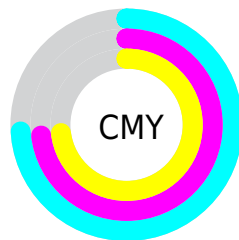


Cyan (6%)

Magenta (0%)

Yellow (3%)

Black (73%)



Cyan (74%)

Magenta (73%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 424644 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 424644 by changing the saturation by 10% instead.

■ 424644

■ 424644

FFFFFF

■ 2C302E

■ 727674

■ 171B19

■ 8B908E

■ 000000

■ A6AAA8

■ C1C6C3

■ DDE2DF

■ F9FEFC

■ 424644

■ 424644

■ 3B4640

■ 494648

■ 34463D

■ 50464B

■ 2D4639

■ 57464F

■ 264636

■ 5E4652

■ 1F4632

■ 654656

■ 18462F

■ 6C4659

■ 11462B

■ 73465D

■ 0A4628

■ 7A4660

■ 034624

■ 814664

Harmonies

Analogous

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



444643



424644



414646

Triad

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



424644



444548



494443

Complementary

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



424644



464244

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.



494444



424644



464448

Square

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



424644



424548



484446



474542

Rectangle

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



424644



414647



484446



494443

Sweetspot

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



424644



5A5C5B



444642



2D2E2D



ADADAD



2E2E2E

Same Dimension

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



424644



555C59



424646



212422



006332



00E371

Inverse Universe

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



464244



5C5559



464242



242122



630032



E30071

Previews

White Background



This preview shows how the Hex color 424644 looks on a white background.

Color Contrast Check

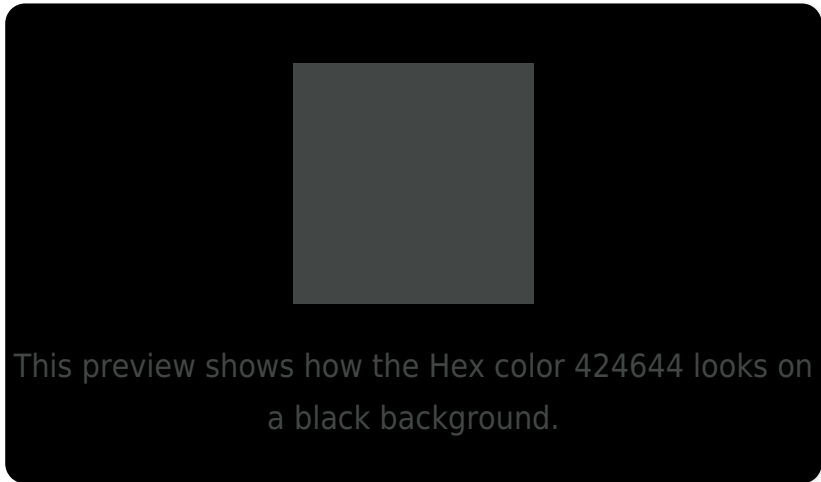
Large Text (above 18pt) WCAG AA ✓ Pass

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

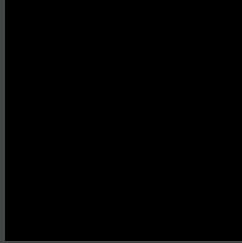
Any Text WCAG AA × Fail

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 424644 Background



This preview shows how black text looks on a background with the Hex color 424644.

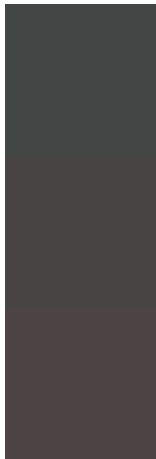


This preview shows how white text looks on a background with the Hex color 424644.

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](#).

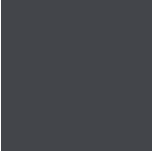
Dichromacy



Original Color
424644

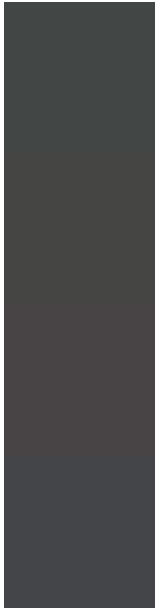
Protanopia
474543

Deuteranopia
4C4345



Tritanopia
43454A

Trichromacy



Original Color

424644

Protanomaly

454543

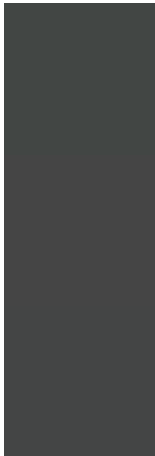
Deuteranomaly

484445

Tritanomaly

434548

Monochromacy



Original Color

424644

Achromatopsia

454545

Achromatomaly

444545

CSS Examples

Text

The CSS property to change the color of the text to Hex 424644 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 #424644 looks like.

```
.text, #text, p{  
    color:#424644  
}
```

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 #424644 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #424644
}
```

Border

The CSS property to change the border of an element to Hex 424644 is called "border". The border property can be set on classes, ids or directly on the HTML element.

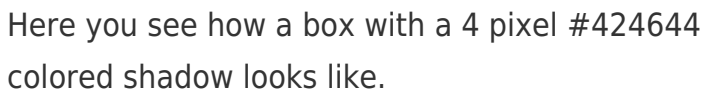
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#424644 }
```

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

```
.border{ border-color:#424644 }
```

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



Here you see how a box with a 4 pixel #424644 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #424644; -webkit-box-shadow:4px 4px  
4px 4px #424644; box-shadow:4px 4px 4px  
4px #424644 }
```

Background

The CSS property to change the background color of an element to Hex 424644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#424644 }
```

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

```
.background{ background-color:#424644 }
```

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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