

Converting Colors

Hex(474152)

Have a look what the booklet for
Hex(474152) contains.

Hex(474152)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(474152)

Conversions

Conversions Part 1

Format	Color
Hex	474152
RGB	71, 65, 82
RGB Percent	28%, 25%, 32%
CMY	0.7216, 0.7451, 0.6784
CMYK	0.13, 0.21, 0.00, 0.68
HSL	261°, 12%, 29%
HSV	261°, 21%, 32%
XYZ	6.0118, 5.7294, 8.7717
YIQ	68.7320, -1.8810, 6.5590

Conversions

Conversions Part 2

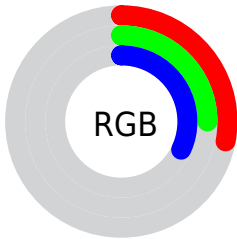
Format	Color
R_{YB}	71, 65, 82
Decimal	4669778
CIE Lab	28.72, 6.46, -9.28
CIE LCh	29, 11.305, 304.861
Yxy	5.7294, 0.2931, 0.2793
Android (android.graphics.Color)	4282859858 (0xFF474152)
YUV	68.7320, 6.5411, 1.9890
Hunter-Lab	23.9361, 2.9440, -4.9722

Details

The Hex color **474152** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4C5241**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **787183**, and **1B1725** is the 20% darker color. If you saturate the color by 10%, you get **423952**, and if you desaturate by 10%, it is **4C4952**.

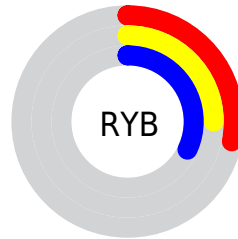
Distribution



Red (28%)

Green (25%)

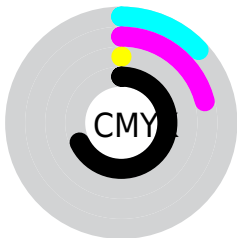
Blue (32%)



Red (28%)

Yellow (25%)

Blue (32%)

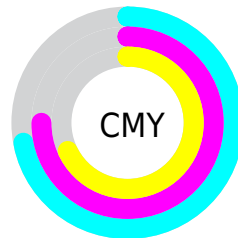


Cyan (13%)

Magenta (21%)

Yellow (0%)

Black (68%)



Cyan (72%)

Magenta (75%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 474152 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 474152 by changing the saturation by 10% instead.

■ 474152

■ 474152

FFFFFF

■ 302B3B

■ 787183

■ 1B1725

■ 918A9D

■ 000010

■ ACA5B8

■ 000000

■ C7C0D4

■ E3DBF0

■ FFF8FF

■ 474152

■ 474152

■ 423952

■ 4C4952

■ 3C3152

■ 525152

■ 372852

■ 575A52

■ 322052

■ 5C6252

■ 2C1852

■ 626A52

■ 271052

■ 677252

■ 220852

■ 6C7A52

■ 1D0052

■ 718352

■ 778B52

Harmonies

Analogous

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



3B4455



474152



503F4B

Triad

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



474152



514134



2E4945

Complementary

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



474152



4C5241

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.



35483C



474152



494432

Square

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



474152



553E3A



3F4635



2B484D

Rectangle

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



474152



543E46



3F4635



304942

Sweetspot

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



474152



67656B



414C52



333236



B5B5B5



363636

Same Dimension

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



474152



5A506B



4F4152



262529



250069



5200E8

Inverse Universe

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



52414C



6B5062



445241



292527



690044



E80096

Previews

White Background



This preview shows how the Hex color 474152 looks on a white background.

Color Contrast Check

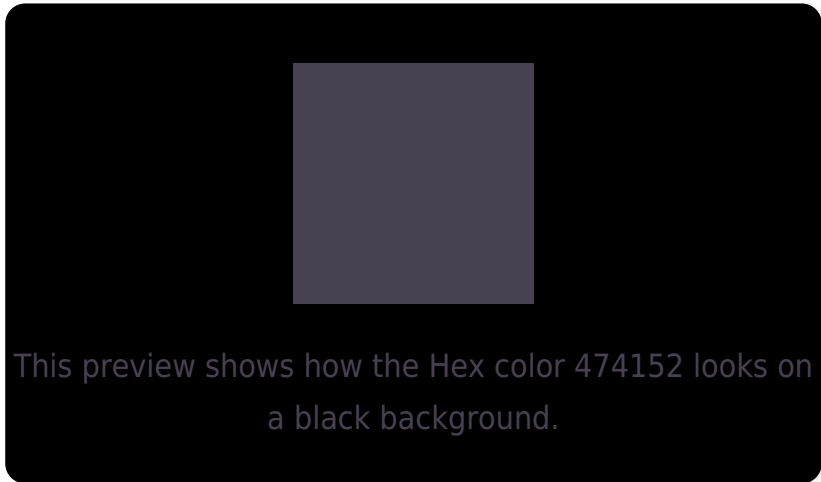
Large Text (above 18pt) WCAG AA ✓ Pass

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

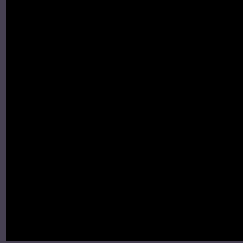
Any Text WCAG AA × Fail

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 474152 Background



This preview shows how black text looks on a background with the Hex color 474152.

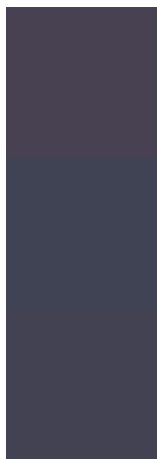


This preview shows how white text looks on a background with the Hex color 474152.

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


474152

Protanopia

404353

Deuteranopia

434252



Tritanopia
454348

Trichromacy



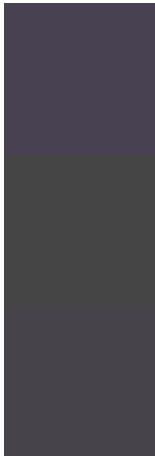
Original Color
474152

Protanomaly
434253

Deuteranomaly
444252

Tritanomaly
46424C

Monochromacy



Original Color
474152

Achromatopsia
454545

Achromatomaly
46444A

CSS Examples

Text

The CSS property to change the color of the text to Hex 474152 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 #474152 looks like.

```
.text, #text, p{  
    color:#474152  
}
```

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 #474152 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474152
}
```

Border

The CSS property to change the border of an element to Hex 474152 is called "border". The border property can be set on classes, ids or directly on the HTML element.

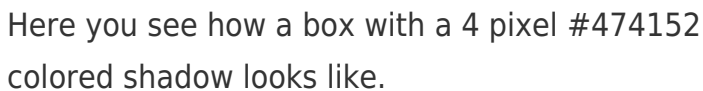
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#474152 }
```

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

```
.border{ border-color:#474152 }
```

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



Here you see how a box with a 4 pixel #474152 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474152; -webkit-box-shadow:4px 4px  
4px 4px #474152; box-shadow:4px 4px 4px  
4px #474152 }
```

Background

The CSS property to change the background color of an element to Hex 474152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474152 }
```

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

```
.background{ background-color:#474152 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor