

# Converting Colors

Hex(484151)

Have a look what the booklet for  
Hex(484151) contains.

<b>Hex(484151)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(484151)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	484151
RGB	72, 65, 81
RGB Percent	28%, 25%, 32%
CMY	0.7176, 0.7451, 0.6824
CMYK	0.11, 0.20, 0.00, 0.68
HSL	266°, 11%, 29%
HSV	266°, 20%, 32%
XYZ	6.0480, 5.7524, 8.5761
YIQ	68.9170, -0.9640, 6.4600

# Conversions

## Conversions Part 2

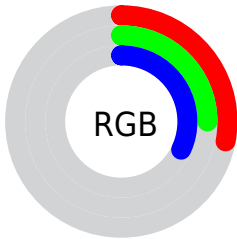
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 65, 81
Decimal	4735313
CIE Lab	28.78, 6.60, -8.53
CIE LCh	29, 10.784, 307.753
Yxy	5.7524, 0.2968, 0.2823
Android (android.graphics.Color)	4282925393 (0xFF484151)
YUV	68.9170, 5.9569, 2.7038
Hunter-Lab	23.9841, 3.0394, -4.4117




# Details

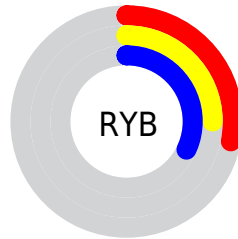
The Hex color **484151** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4A5141**, and the grayscale version is **454545**.




A 20% lighter version of the original color is **797182**, and **1C1724** is the 20% darker color. If you saturate the color by 10%, you get **433951**, and if you desaturate by 10%, it is **4D4951**.

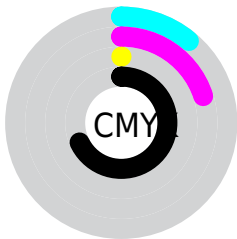
# Distribution







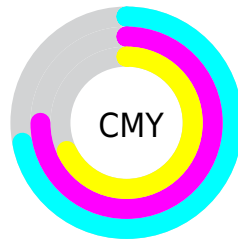
-  Red (28%)
-  Green (25%)
-  Blue (32%)






-  Red (28%)
-  Yellow (25%)
-  Blue (32%)



-  Cyan (11%)
-  Magenta (20%)
-  Yellow (0%)
-  Black (68%)



-  Cyan (72%)
-  Magenta (75%)
-  Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 484151 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 484151 by changing the saturation by 10% instead.



■ 484151

■ 484151

FFFFFF

■ 312B3A

■ 797182

■ 1C1724

■ 928A9C

■ 00000F

■ ADA5B7

■ 000000

■ C8C0D3

■ E4DBEF

■ FFF8FF

■ 484151

■ 484151

■ 433951

■ 4D4951

■ 3F3151

■ 515151

■ 3A2951

■ 565951

■ 362151

■ 5A6151

■ 311851

■ 5F6A51

■ 2D1051

■ 637251

■ 280851

■ 687A51

■ 240051

■ 6C8251

■ 230051

■ 718A51

# Harmonies

## Analogous

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



3D4454



484151



503F4A

# Triad

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



484151



504135



2F4946

# Complementary

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



484151



4A5141

# 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.



35483D



484151



484433

# Square

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



484151



543F3A



3F4637



2D484E

# Rectangle

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



484151



543E45



3F4637



304943



# Sweetspot

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



484151



656269



414A51



333236



B5B5B5



363636



# Same Dimension

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



484151



5A4F69



504151



272529



2E0069



6600E8



# Inverse Universe

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



51414A



694F5E



425141



292527



69003B



E80083



# Previews

## White Background



This preview shows how the Hex color 484151 looks on a white background.

## Color Contrast Check

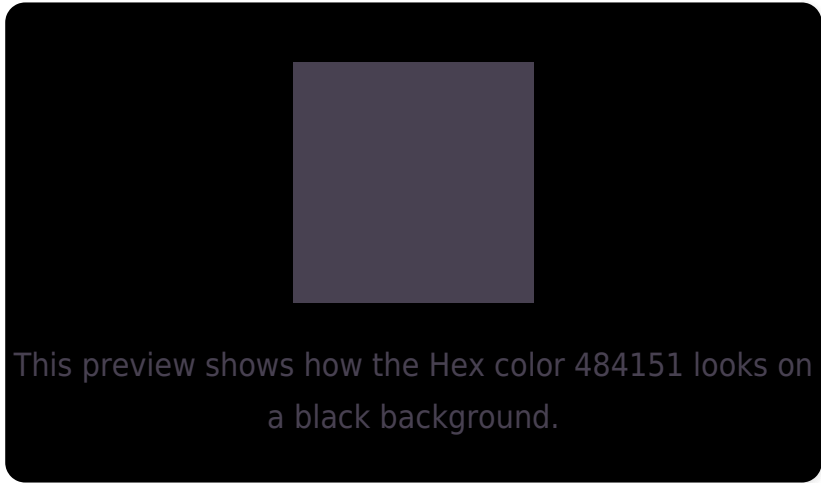
Large Text (above 18pt) WCAG AA ✓ Pass

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

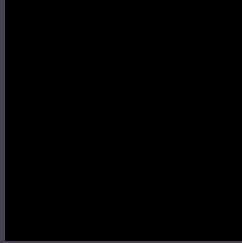
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 484151 Background



This preview shows how black text looks on a background with the Hex color 484151.



This preview shows how white text looks on a background with the Hex color 484151.

# 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**  
484151

**Protanopia**  
404353

**Deuteranopia**  
444251



**Tritanopia**  
474348

# Trichromacy



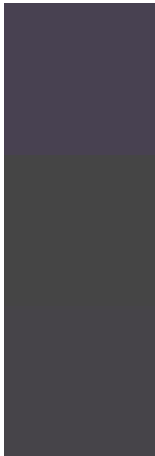
**Original Color**  
484151

**Protanomaly**  
434252

**Deuteranomaly**  
454251

**Tritanomaly**  
47424B

# Monochromacy



**Original Color**  
484151

**Achromatopsia**  
454545

**Achromatomaly**  
464449

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 484151 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 #484151 looks like.

```
.text, #text, p{  
    color:#484151  
}
```

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 #484151 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #484151
}
```

## Border

The CSS property to change the border of an element to Hex 484151 is called "border". The border property can be set on classes, ids or directly on the HTML element.

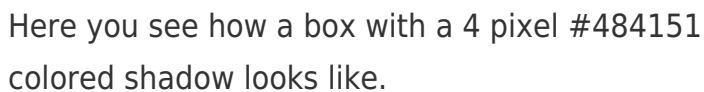
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#484151 }
```

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

```
.border{ border-color:#484151 }
```

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



Here you see how a box with a 4 pixel #484151 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #484151; -webkit-box-shadow:4px 4px  
4px 4px #484151; box-shadow:4px 4px 4px  
4px #484151 }
```

# Background

The CSS property to change the background color of an element to Hex 484151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#484151 }
```

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

```
.background{ background-color:#484151 }
```

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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