

# Converting Colors

Hex(464051)

Have a look what the booklet for  
Hex(464051) contains.

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# Color

**Hex(464051)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	464051
RGB	70, 64, 81
RGB Percent	27%, 25%, 32%
CMY	0.7255, 0.7490, 0.6824
CMYK	0.14, 0.21, 0.00, 0.68
HSL	261°, 12%, 28%
HSV	261°, 21%, 32%
XYZ	5.8444, 5.5630, 8.5503
YIQ	67.7320, -1.8810, 6.5590

# Conversions

## Conversions Part 2

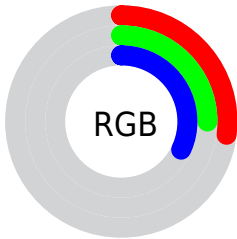
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	70, 64, 81
Decimal	4603985
CIE Lab	28.28, 6.48, -9.30
CIE LCh	28, 11.332, 304.873
Yxy	5.5630, 0.2928, 0.2787
Android (android.graphics.Color)	4282794065 (0xFF464051)
<b>YUV</b>	67.7320, 6.5411, 1.9890
Hunter-Lab	23.5859, 2.9553, -4.9835

# Details

The Hex color **464051** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4B5140**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **767082**, and **1A1624** is the 20% darker color. If you saturate the color by 10%, you get **413851**, and if you desaturate by 10%, it is **4B4851**.

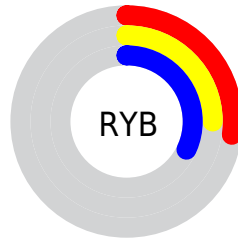
# Distribution



 Red (27%)

 Green (25%)

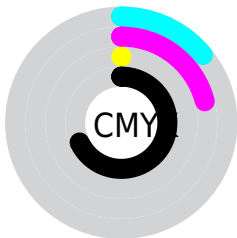
 Blue (32%)



 Red (27%)

 Yellow (25%)

 Blue (32%)

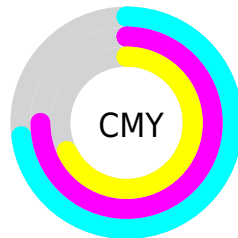


 Cyan (14%)

 Magenta (21%)

 Yellow (0%)

 Black (68%)



 Cyan (73%)

 Magenta (75%)

 Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 464051 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 464051 by changing the saturation by 10% instead.



■ 464051

■ 464051

FFFFFF

■ 302A3A

■ 767082

■ 1A1624

■ 90899C

■ 00010F

■ ABA3B7

■ 000000

■ C6BED3

■ E2DAEF

■ FFF7FF

■ 464051

■ 464051

■ 413851

■ 4B4851

■ 3C3051

■ 505051

■ 362851

■ 565851

■ 312051

■ 5B6051

■ 2C1851

■ 606951

■ 270F51

■ 657151

■ 210751

■ 6B7951

■ 1D0051

■ 708151

■ 758951

# Harmonies

## Analogous

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



3A4354



464051



4F3E4A

# Triad

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



464051



504033



2D4844

# Complementary

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



464051



4B5140

# 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.



34473B



464051



484331

# Square

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



464051



543D39



3E4534



2A474C

# Rectangle

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



464051



533D45



3E4534



2F4841



# Sweetspot

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



464051



646269



404B51



333236



B5B5B5



363636



# Same Dimension

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



464051



584E69



4E4051



262529



250069



5200E8



# Inverse Universe

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



51404B



694E5F



435140



292527



690044



E80096



# Previews

## White Background



This preview shows how the Hex color 464051 looks on a white background.

## Color Contrast Check

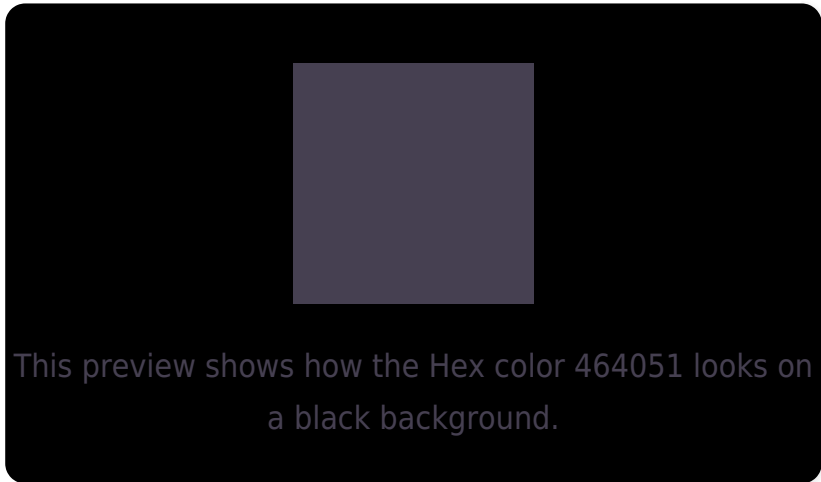
Large Text (above 18pt) WCAG AA ✓ Pass

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 464051 Background



This preview shows how black text looks on a background with the Hex color 464051.



This preview shows how white text looks on a background with the Hex color 464051.

# 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**  
464051

**Protanopia**  
3F4252

**Deuteranopia**  
424151



**Tritanopia**  
444247

# Trichromacy



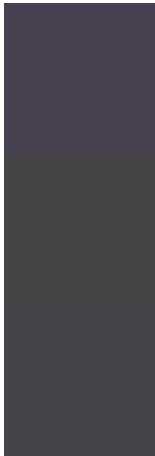
**Original Color**  
464051

**Protanomaly**  
424152

**Deuteranomaly**  
434151

**Tritanomaly**  
45414B

# Monochromacy



**Original Color**  
464051

**Achromatopsia**  
444444

**Achromatomaly**  
454349

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 464051 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 #464051 looks like.

```
.text, #text, p{  
    color:#464051  
}
```

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 #464051 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464051  
}
```

## Border

The CSS property to change the border of an element to Hex 464051 is called "border". The border property can be set on classes, ids or directly on the HTML element.

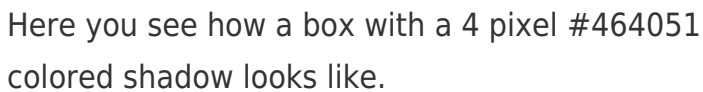
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#464051 }
```

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

```
.border{ border-color:#464051 }
```

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



Here you see how a box with a 4 pixel #464051 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464051; -webkit-box-shadow:4px 4px  
4px 4px #464051; box-shadow:4px 4px 4px  
4px #464051 }
```

# Background

The CSS property to change the background color of an element to Hex 464051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464051 }
```

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

```
.background{ background-color:#464051 }
```

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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