

Converting Colors

Hex(464053)

Have a look what the booklet for
Hex(464053) contains.

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Color

Hex(464053)

Conversions

Conversions Part 1

Format	Color
Hex	464053
RGB	70, 64, 83
RGB Percent	27%, 25%, 33%
CMY	0.7255, 0.7490, 0.6745
CMYK	0.16, 0.23, 0.00, 0.67
HSL	259°, 13%, 29%
HSV	259°, 23%, 33%
XYZ	5.9205, 5.5934, 8.9512
YIQ	67.9600, -2.5230, 7.1810

Conversions

Conversions Part 2

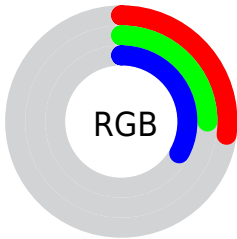
Format	Color
R_YB	70, 64, 83
Decimal	4603987
CIE Lab	28.36, 6.98, -10.48
CIE LCh	28, 12.591, 303.693
Yxy	5.5934, 0.2893, 0.2733
Android (android.graphics.Color)	4282794067 (0xFF464053)
YUV	67.9600, 7.4147, 1.7891
Hunter-Lab	23.6504, 3.2965, -5.8848

Details

The Hex color **464053** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4D5340**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **767084**, and **1A1626** is the 20% darker color. If you saturate the color by 10%, you get **403853**, and if you desaturate by 10%, it is **4C4853**.

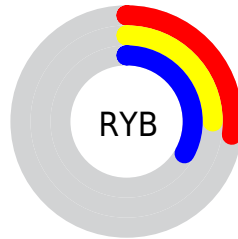
Distribution



Red (27%)

Green (25%)

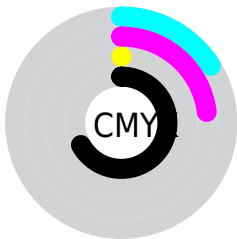
Blue (33%)



Red (27%)

Yellow (25%)

Blue (33%)

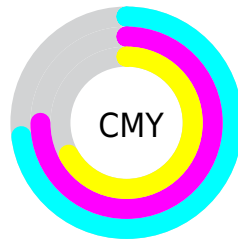


Cyan (16%)

Magenta (23%)

Yellow (0%)

Black (67%)



Cyan (73%)

Magenta (75%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 464053 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 464053 by changing the saturation by 10% instead.

■ 464053

■ 464053

FFFFFF

■ 2F2A3C

■ 767084

■ 1A1626

■ 90899F

■ 000111

■ ABA3BA

■ 000000

■ C6BED5

■ E2DAF2

■ FFF7FF

■ 464053

■ 464053

■ 403853

■ 4C4853

■ 3B2F53

■ 515153

■ 352753

■ 575953

■ 2F1F53

■ 5D6153

■ 2A1653

■ 626A53

■ 240E53

■ 687253

■ 1E0653

■ 6E7A53

■ 1A0053

■ 738253

■ 798B53

Harmonies

Analogous

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



394356



464053



503D4C

Triad

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



464053



513F32



2A4844

Complementary

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



464053



4D5340

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.



33483A



464053



494330

Square

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



464053



563D39



3E4633



27484D

Rectangle

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



464053



553C45



3E4633



2D4840

Sweetspot

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



464053



66646B



404D53



333136



B5B5B5



363636

Same Dimension

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



464053



574E6B



4F4053



262529



210069



4900E8

Inverse Universe

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



53404D



6B4E62



445340



292528



690048



E8009F

Previews

White Background



This preview shows how the Hex color 464053 looks on a white background.

Color Contrast Check

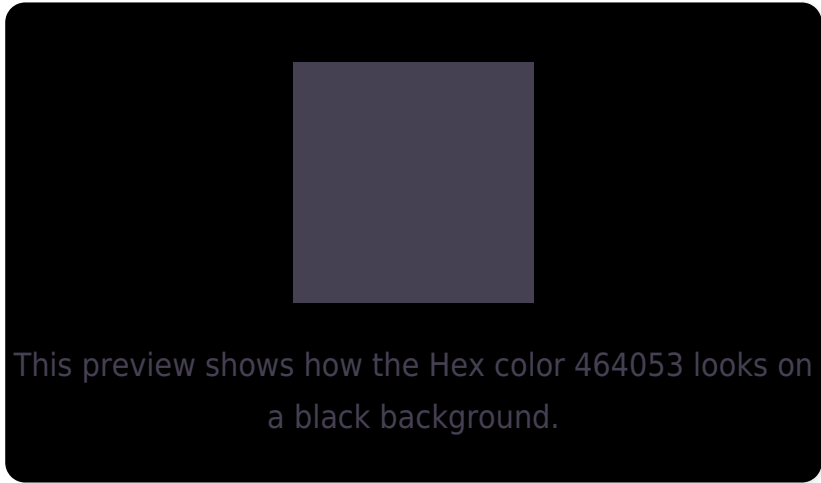
Large Text (above 18pt) WCAG AA ✓ Pass

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

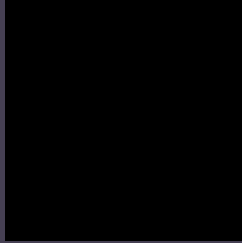
Any Text WCAG AA × Fail

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 464053 Background



This preview shows how black text looks on a background with the Hex color 464053.

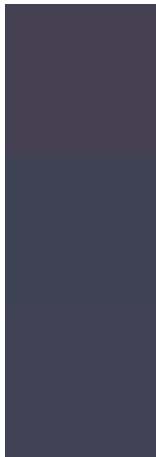


This preview shows how white text looks on a background with the Hex color 464053.

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
464053

Protanopia
3E4255

Deuteranopia
414253



Tritanopia
444247

Trichromacy



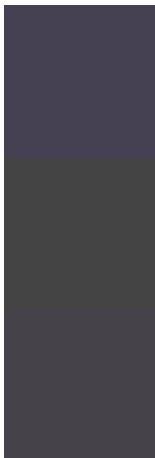
Original Color
464053

Protanomaly
414154

Deuteranomaly
434153

Tritanomaly
45414B

Monochromacy



Original Color
464053

Achromatopsia
444444

Achromatomaly
454349

CSS Examples

Text

The CSS property to change the color of the text to Hex 464053 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 #464053 looks like.

```
.text, #text, p{  
    color:#464053  
}
```

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 #464053 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464053
}
```

Border

The CSS property to change the border of an element to Hex 464053 is called "border". The border property can be set on classes, ids or directly on the HTML element.

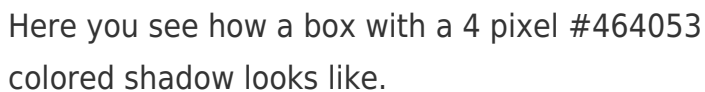
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#464053 }
```

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

```
.border{ border-color:#464053 }
```

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



Here you see how a box with a 4 pixel #464053 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464053; -webkit-box-shadow:4px 4px  
4px 4px #464053; box-shadow:4px 4px 4px  
4px #464053 }
```

Background

The CSS property to change the background color of an element to Hex 464053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464053 }
```

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

```
.background{ background-color:#464053 }
```

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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