

Converting Colors

Hex(463354)

Have a look what the booklet for
Hex(463354) contains.

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Color

Hex(463354)

Conversions

Conversions Part 1

Format	Color
Hex	463354
RGB	70, 51, 84
RGB Percent	27%, 20%, 33%
CMY	0.7255, 0.8000, 0.6706
CMYK	0.17, 0.39, 0.00, 0.67
HSL	275°, 24%, 26%
HSV	275°, 39%, 33%
XYZ	5.3098, 4.3098, 8.9395
YIQ	60.4430, 0.7310, 14.2910

Conversions

Conversions Part 2

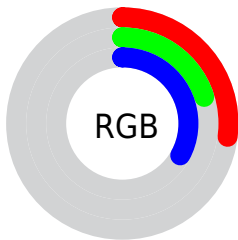
Format	Color
R_{YB}	70, 51, 84
Decimal	4600660
CIE Lab	24.67, 15.84, -16.80
CIE LCh	25, 23.091, 313.302
Yxy	4.3098, 0.2861, 0.2322
Android (android.graphics.Color)	4282790740 (0xFF463354)
YUV	60.4430, 11.6136, 8.3815
Hunter-Lab	20.7601, 9.3249, -10.9988

Details

The Hex color **463354** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **415433**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **776286**, and **1B0727** is the 20% darker color. If you saturate the color by 10%, you get **422B54**, and if you desaturate by 10%, it is **4A3B54**.

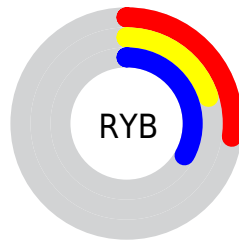
Distribution



Red (27%)

Green (20%)

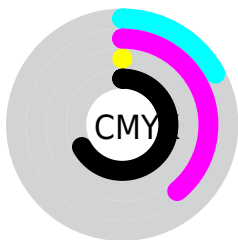
Blue (33%)



Red (27%)

Yellow (20%)

Blue (33%)

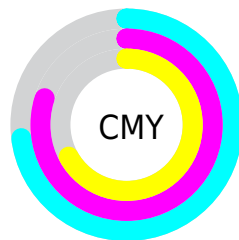


Cyan (17%)

Magenta (39%)

Yellow (0%)

Black (67%)



Cyan (73%)

Magenta (80%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 463354 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 463354 by changing the saturation by 10% instead.

■ 463354

■ 463354

FFFFFF

■ 2F1E3D

■ 776286

■ 1B0727

■ 917BA0

■ 000111

■ AC94BB

■ 000000

■ C7AFD7

■ E3CBF3

■ FFE7FF

■ 463354

■ 463354

■ 422B54

■ 4A3B54

■ 3F2254

■ 4D4454

■ 3B1A54

■ 514C54

■ 381154

■ 545554

■ 340954

■ 585D54

■ 310154

■ 5B6554

■ 300054

■ 5F6E54

■ 637654

■ 667F54

Harmonies

Analogous

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



2C3A5C



463354



562D45

Triad

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



463354



4D3619



004442

Complementary

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



463354



415433

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.



0F4330



463354



3E3C18

Square

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



463354



583024



2A4020



004252

Rectangle

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



463354



5B2C39



2A4020



00433C

Sweetspot

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



463354



68606E



334154



353038



B8B8B8



383838

Same Dimension

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



463354



583A6E



543352



272529



3C0069



8600E8

Inverse Universe

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



543341



6E3A50



335435



292526



69002C



E80062

Previews

White Background



This preview shows how the Hex color 463354 looks on a white background.

Color Contrast Check

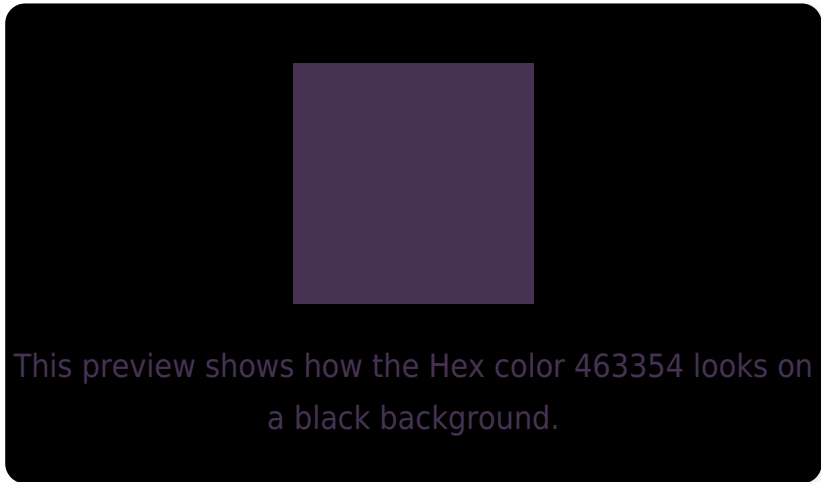
Large Text (above 18pt) WCAG AA ✓ Pass

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

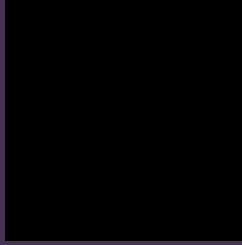
Any Text WCAG AA × Fail

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 463354 Background



This preview shows how black text looks on a background with the Hex color 463354.



This preview shows how white text looks on a background with the Hex color 463354.

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](#).

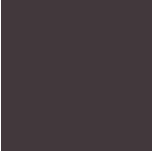
Dichromacy



Original Color
463354

Protanopia
303A5A

Deuteranopia
323A53



Tritanopia
42383C

Trichromacy



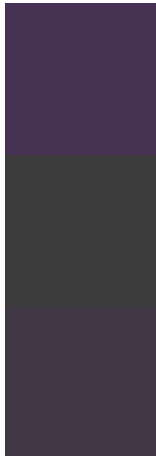
Original Color
463354

Protanomaly
383758

Deuteranomaly
393753

Tritanomaly
433645

Monochromacy



Original Color
463354

Achromatopsia
3C3C3C

Achromatomaly
403945

CSS Examples

Text

The CSS property to change the color of the text to Hex 463354 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 #463354 looks like.

```
.text, #text, p{  
    color:#463354  
}
```

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 #463354 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #463354
}
```

Border

The CSS property to change the border of an element to Hex 463354 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".

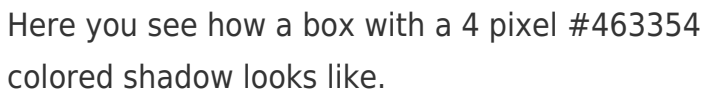
```
.border, #border, table{ border:4px solid
#463354 }
```

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

```
.border{ border-color:#463354 }
```

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

Here you see how a box with a 4 pixel #463354 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #463354; -webkit-box-shadow:4px 4px  
4px 4px #463354; box-shadow:4px 4px 4px  
4px #463354 }
```

Background

The CSS property to change the background color of an element to Hex 463354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#463354 }
```

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

```
.background{ background-color:#463354 }
```

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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