

Converting Colors

Hex(432E54)

Have a look what the booklet for
Hex(432E54) contains.

Hex(432E54)	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(432E54)

Conversions

Conversions Part 1

Format	Color
Hex	432E54
RGB	67, 46, 84
RGB Percent	26%, 18%, 33%
CMY	0.7373, 0.8196, 0.6706
CMYK	0.20, 0.45, 0.00, 0.67
HSL	273°, 29%, 25%
HSV	273°, 45%, 33%
XYZ	4.8920, 3.7874, 8.8607
YIQ	56.6110, 0.3180, 16.2700

Conversions

Conversions Part 2

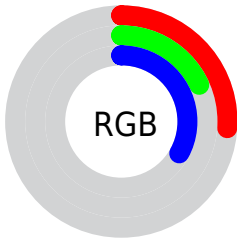
Format	Color
RYB	67, 46, 84
Decimal	4402772
CIELab	22.96, 18.08, -19.50
CIELCh	23, 26.592, 312.823
Yxy	3.7874, 0.2789, 0.2159
Android (android.graphics.Color)	4282592852 (0xFF432E54)
YUV	56.6110, 13.5028, 9.1112
Hunter-Lab	19.4612, 10.8126, -13.3720

Details

The Hex color **432E54** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **3F542E**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **745C86**, and **190027** is the 20% darker color. If you saturate the color by 10%, you get **3F2654**, and if you desaturate by 10%, it is **473654**.

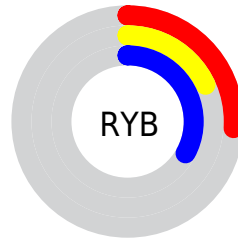
Distribution



Red (26%)

Green (18%)

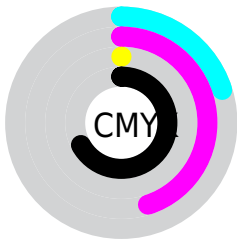
Blue (33%)



Red (26%)

Yellow (18%)

Blue (33%)

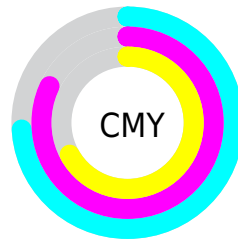


Cyan (20%)

Magenta (45%)

Yellow (0%)

Black (67%)



Cyan (74%)

Magenta (82%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 432E54 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 432E54 by changing the saturation by 10% instead.

432E54

432E54

FFFFFF

2C193D

745C86

190027

8E75A0

000111

A88FBB

000000

C4A9D7

E0C5F3

FDE1FF

FFFDFD

432E54

432E54

■ 3F2654

■ 473654

■ 3B1D54

■ 4B3F54

■ 381554

■ 4E4754

■ 340C54

■ 525054

■ 300454

■ 565854

■ 2E0054

■ 5A6054

■ 5D6954

■ 617154

■ 657A54

Harmonies

Analogous

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



23365D



432E54



552743

Triad

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



432E54



4B3210



00413F

Complementary

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



432E54



3F542E

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.



00402A



432E54



3A380D

Square

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



432E54



572A1D



243D18



003F51

Rectangle

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



432E54



5B2536



243D18



004038

Sweetspot

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



432E54



675E6E



2E3F54



342F38



B8B8B8



383838

Same Dimension

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



432E54



53326E



542E52



272529



3A0069



8000E8

Inverse Universe

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



542E3F



6E324D



2E5430



292527



69002F



E80068

Previews

White Background



This preview shows how the Hex color 432E54 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

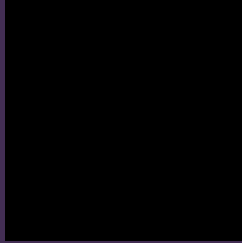
Any Text WCAG AA × Fail

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 432E54 Background



This preview shows how black text looks on a background with the Hex color 432E54.



This preview shows how white text looks on a background with the Hex color 432E54.

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](#).

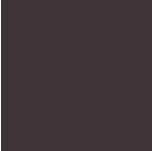
Dichromacy



Original Color
432E54

Protanopia
28365B

Deuteranopia
2B3752



Tritanopia
3E3438

Trichromacy



Original Color
432E54

Protanomaly
323358

Deuteranomaly
343453

Tritanomaly
403242

Monochromacy



Original Color
432E54

Achromatopsia
393939

Achromatomaly
3D3543

CSS Examples

Text

The CSS property to change the color of the text to Hex 432E54 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 #432E54 looks like.

```
.text, #text, p{  
    color:#432E54  
}
```

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 #432E54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #432E54
}
```

Border

The CSS property to change the border of an element to Hex 432E54 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
#432E54 }
```

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

```
.border{ border-color:#432E54 }
```

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

Here you see how a box with a 4 pixel #432E54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #432E54; -webkit-box-shadow:4px 4px  
4px 4px #432E54; box-shadow:4px 4px 4px  
4px #432E54 }
```

Background

The CSS property to change the background color of an element to Hex 432E54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#432E54 }
```

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

```
.background{ background-color:#432E54 }
```

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