

Converting Colors

Hex(432355)

Have a look what the booklet for
Hex(432355) contains.

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Color

Hex(432355)

Conversions

Conversions Part 1

Format	Color
Hex	432355
RGB	67, 35, 85
RGB Percent	26%, 14%, 33%
CMY	0.7373, 0.8627, 0.6667
CMYK	0.21, 0.59, 0.00, 0.67
HSL	278°, 42%, 24%
HSV	278°, 59%, 33%
XYZ	4.5555, 3.0512, 8.9432
YIQ	50.2680, 3.0220, 22.3340

Conversions

Conversions Part 2

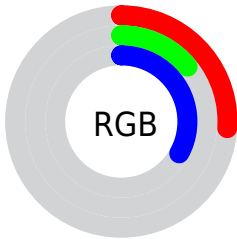
Format	Color
RYB	67, 35, 85
Decimal	4399957
CIELab	20.25, 25.38, -24.44
CIElCh	20, 35.236, 316.081
Yxy	3.0512, 0.2753, 0.1844
Android (android.graphics.Color)	4282590037 (0xFF432355)
YUV	50.2680, 17.1229, 14.6740
Hunter-Lab	17.4678, 15.9828, -18.1279

Details

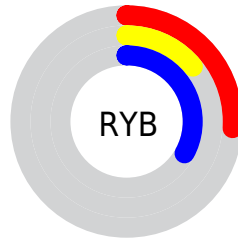
The Hex color **432355** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **355523**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **755187**, and **1B0028** is the 20% darker color. If you saturate the color by 10%, you get **401B55**, and if you desaturate by 10%, it is **462C55**.

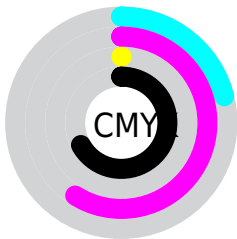
Distribution



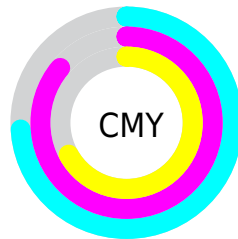
- Red (26%)
- Green (14%)
- Blue (33%)



- Red (26%)
- Yellow (14%)
- Blue (33%)



- Cyan (21%)
- Magenta (59%)
- Yellow (0%)
- Black (67%)



- Cyan (74%)
- Magenta (86%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 432355 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 432355 by changing the saturation by 10% instead.

■ 432355

■ 432355

FFFFFF

■ 2C0D3E

■ 755187

■ 1B0028

■ 8F6AA1

■ 000111

■ AA83BD

■ 000000

■ C59DD8

■ E1B8F5

■ FED4FF

■ FFF1FF

■ 432355

■ 432355

■ 401B55

■ 462C55

■ 3D1255

■ 493455

■ 3A0A55

■ 4C3D55

■ 370155

■ 4F4555

■ 360055

■ 524E55

■ 555655

■ 585E55

■ 5B6755

■ 5F7055

Harmonies

Analogous

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



102F63



432355



59173E

Triad

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



432355



472B00



003C3E

Complementary

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



432355



355523

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.



003C24



432355



313400

Square

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



432355



571F0B



0F3908



003B56

Rectangle

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



432355



5E142D



0F3908



003C36

Sweetspot

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



432355



675A6E



233555



342C38



B8B8B8



383838

Same Dimension

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



432355



52206E



55234E



2A272B



45006B



9600EB

Inverse Universe

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



552335



6E203C



23552A



2B2729



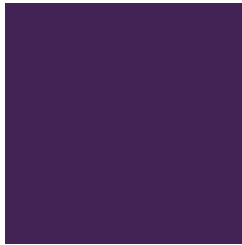
6B0027



EB0054

Previews

White Background



This preview shows how the Hex color 432355 looks on a white background.

Color Contrast Check

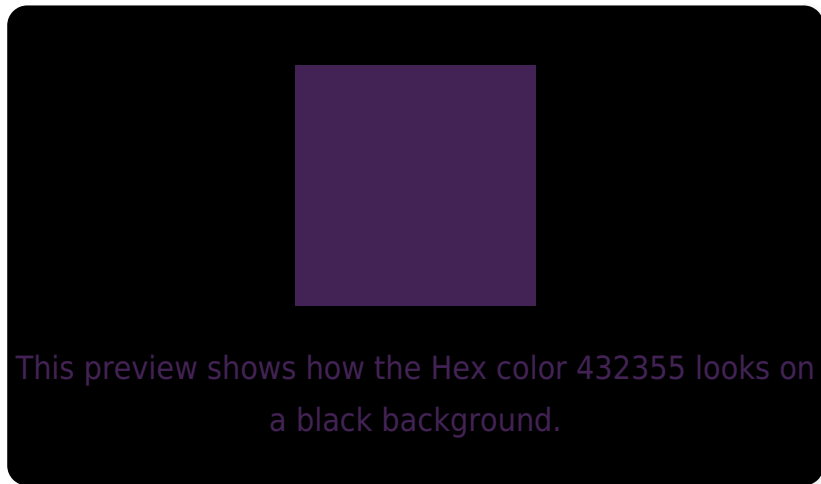
Large Text (above 18pt) WCAG AA ✓ Pass

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

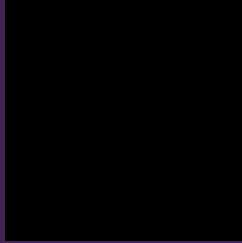
Any Text WCAG AA × Fail

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 432355 Background



This preview shows how black text looks on a background with the Hex color 432355.



This preview shows how white text looks on a background with the Hex color 432355.

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
432355

Protanopia
113062

Deuteranopia
1C3252



Tritanopia
3D2D30

Trichromacy



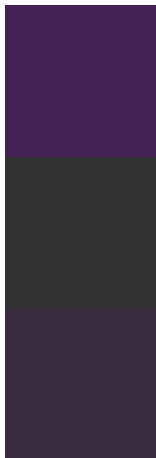
Original Color
432355

Protanomaly
232B5D

Deuteranomaly
2A2D53

Tritanomaly
3F293D

Monochromacy



Original Color
432355

Achromatopsia
323232

Achromatomaly
382D3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 432355 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 #432355 looks like.

```
.text, #text, p{  
    color:#432355  
}
```

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 #432355 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #432355
}
```

Border

The CSS property to change the border of an element to Hex 432355 is called "border". The border property can be set on classes, ids or directly on the HTML element.

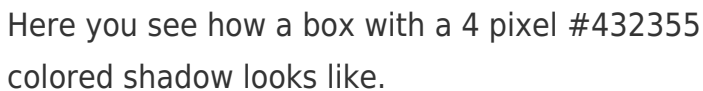
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#432355 }
```

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

```
.border{ border-color:#432355 }
```

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



Here you see how a box with a 4 pixel #432355 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #432355; -webkit-box-shadow:4px 4px  
4px 4px #432355; box-shadow:4px 4px 4px  
4px #432355 }
```

Background

The CSS property to change the background color of an element to Hex 432355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#432355 }
```

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

```
.background{ background-color:#432355 }
```

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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