

Converting Colors

Hex(432165)

Have a look what the booklet for
Hex(432165) contains.

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Color

Hex(432165)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 432165 |
| RGB | 67, 33, 101 |
| RGB Percent | 26%, 13%, 40% |
| CMY | 0.7373, 0.8706, 0.6039 |
| CMYK | 0.34, 0.67, 0.00, 0.60 |
| HSL | 270°, 51%, 26% |
| HSV | 270°, 67%, 40% |
| XYZ | 5.2076, 3.2206, 12.6591 |
| YIQ | 50.9180, -1.5640, 28.3560 |

Conversions

Conversions Part 2

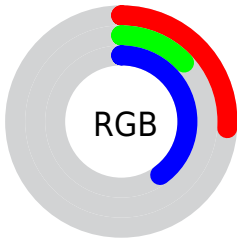
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 67, 33, 101 |
| Decimal | 4399461 |
| CIE _{Lab} | 20.91, 30.82, -33.98 |
| CIE _{LCh} | 21, 45.879, 312.211 |
| Yxy | 3.2206, 0.2470, 0.1527 |
| Android (android.graphics.Color) | 4282589541 (0xFF432165) |
| YUV | 50.9180, 24.6904, 14.1039 |
| Hunter-Lab | 17.9460, 20.3915, -29.2609 |

Details

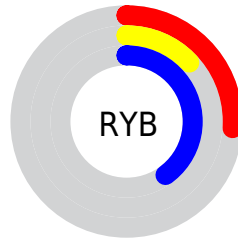
The Hex color **432165** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **436521**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **765099**, and **180036** is the 20% darker color. If you saturate the color by 10%, you get **3E1765**, and if you desaturate by 10%, it is **482B65**.

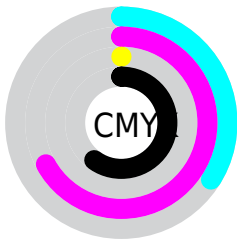
Distribution



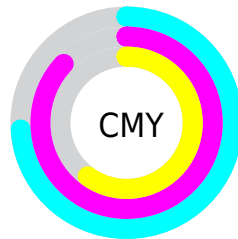
- Red (26%)
- Green (13%)
- Blue (40%)



- Red (26%)
- Yellow (13%)
- Blue (40%)



- Cyan (34%)
- Magenta (67%)
- Yellow (0%)
- Black (60%)



- Cyan (74%)
- Magenta (87%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 432165 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 432165 by changing the saturation by 10% instead.

 432165

 432165


FFFFFF

 2A0A4D

 765099

 180036

 9068B4

 00021F

 AC82CF

 000003

 C79CEC

 000000

 E4B7FF

 FFD3FF

 FFF0FF

 432165

 432165

■ 3E1765

■ 482B65

■ 390D65

■ 4D3565

■ 340365

■ 523F65

■ 330065

■ 574965

■ 5C5465

■ 615E65

■ 666865

■ 6B7265

■ 707C65

Harmonies

Analogous

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



003275



432165



630548

Triad

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



432165



4F2900



004040

Complementary

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



432165



436521

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.



003F1C



432165



333500

Square

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



432165



631501



063C00



00405F

Rectangle

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



432165



6B0031



063C00



004034

Sweetspot

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



432165



756882



214365



3A3242



C2C2C2



424242

Same Dimension

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



432165



4D1982



652165



302E33



390073



7900F2

Inverse Universe

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



652143



82194D



216521



332E30



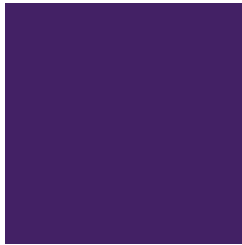
730039



F20079

Previews

White Background



This preview shows how the Hex color 432165 looks on a white background.

Color Contrast Check

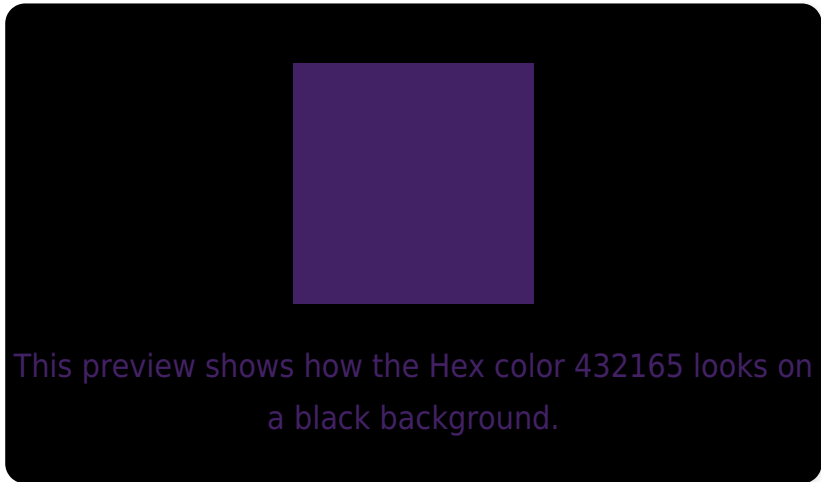
Large Text (above 18pt) WCAG AA ✓ Pass

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

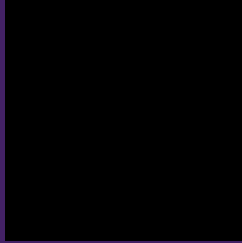
Any Text WCAG AA × Fail

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 432165 Background



This preview shows how black text looks on a background with the Hex color 432165.

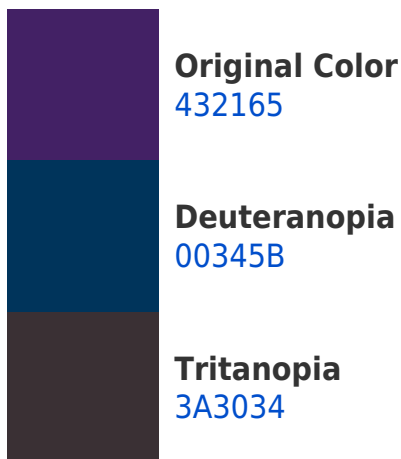


This preview shows how white text looks on a background with the Hex color 432165.

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



Trichromacy

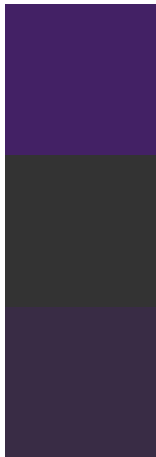


Original Color
432165

Deuteranomaly
182D5F

Tritanomaly
3D2B46

Monochromacy



Original Color
432165

Achromatopsia
333333

Achromatomaly
392C45

CSS Examples

Text

The CSS property to change the color of the text to Hex 432165 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 #432165 looks like.

```
.text, #text, p{  
    color:#432165  
}
```

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 #432165 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #432165
}
```

Border

The CSS property to change the border of an element to Hex 432165 is called "border". The border property can be set on classes, ids or directly on the HTML element.

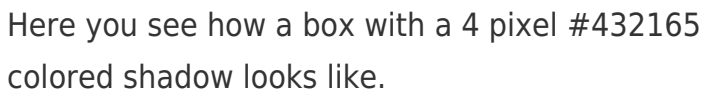
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#432165 }
```

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

```
.border{ border-color:#432165 }
```

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



Here you see how a box with a 4 pixel #432165 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #432165; -webkit-box-shadow:4px 4px  
4px 4px #432165; box-shadow:4px 4px 4px  
4px #432165 }
```

Background

The CSS property to change the background color of an element to Hex 432165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#432165 }
```

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

```
.background{ background-color:#432165 }
```

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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