

Converting Colors

Hex(462375)

Have a look what the booklet for
Hex(462375) contains.

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Color

Hex(462375)

Conversions

Conversions Part 1

Format	Color
Hex	462375
RGB	70, 35, 117
RGB Percent	27%, 14%, 46%
CMY	0.7255, 0.8627, 0.5412
CMYK	0.40, 0.70, 0.00, 0.54
HSL	266°, 54%, 30%
HSV	266°, 70%, 46%
XYZ	6.3377, 3.7885, 17.2268
YIQ	54.8130, -5.4620, 32.9220

Conversions

Conversions Part 2

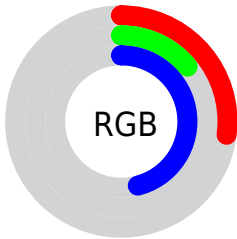
Format	Color
R_{YB}	70, 35, 117
Decimal	4596597
CIE _{Lab}	22.96, 34.82, -41.00
CIE _{LCh}	23, 53.793, 310.344
Yxy	3.7885, 0.2317, 0.1385
Android (android.graphics.Color)	4282786677 (0xFF462375)
YUV	54.8130, 30.6582, 13.3190
Hunter-Lab	19.4641, 24.0592, -38.8502

Details

The Hex color **462375** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **527523**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **7A52AA**, and **140044** is the 20% darker color. If you saturate the color by 10%, you get **3F1775**, and if you desaturate by 10%, it is **4D2F75**.

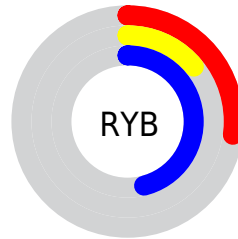
Distribution



Red (27%)

Green (14%)

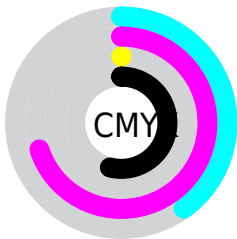
Blue (46%)



Red (27%)

Yellow (14%)

Blue (46%)

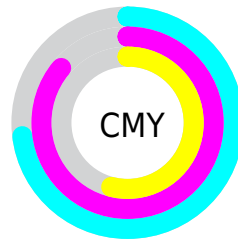


Cyan (40%)

Magenta (70%)

Yellow (0%)

Black (54%)



Cyan (73%)

Magenta (86%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 462375 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 462375 by changing the saturation by 10% instead.

■ 462375

■ 462375

FFFFFF

■ 2C0B5C

■ 7A52AA

■ 140044

■ 956BC5

■ 00002D

■ B185E2

■ 000117

■ CD9FFE

■ 000000

■ EABBF

■ FFD7FF

■ FFF3FF

■ 462375

■ 462375

■ 3F1775

■ 4D2F75

■ 390C75

■ 533A75

■ 320075

■ 5A4675

■ 615275

■ 685E75

■ 6E6975

■ 757575

■ 7C8175

■ 828C75

Harmonies

Analogous

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



003887



462375



6E0053

Triad

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



462375



592A00



004744

Complementary

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



462375



527523

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.



004519



462375



383A00

Square

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



462375



710D00



004200



00466B

Rectangle

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



462375



790038



004200



004636

Sweetspot

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



462375



877999



235375



42394D



CCCCCC



4D4D4D

Same Dimension

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



462375



4F1899



6E2375



37353B



34007A



6B00FA

Inverse Universe

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



752352



991862



2A7523



3B3538



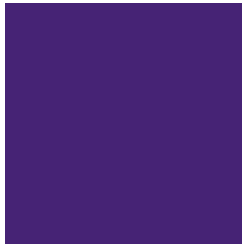
7A0046



FA008F

Previews

White Background



This preview shows how the Hex color 462375 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

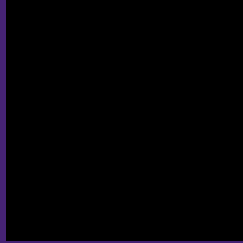
Any Text WCAG AA × Fail

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 462375 Background



This preview shows how black text looks on a background with the Hex color 462375.



This preview shows how white text looks on a background with the Hex color 462375.

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
462375

Protanopia
003671

Deuteranopia
003962



Tritanopia
39363B

Trichromacy



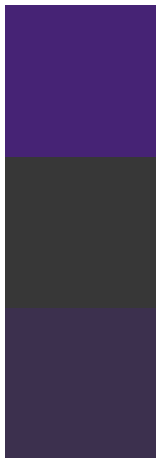
Original Color
462375

Protanomaly
192F72

Deuteranomaly
193169

Tritanomaly
3E2F50

Monochromacy



Original Color
462375

Achromatopsia
373737

Achromatomaly
3C304E

CSS Examples

Text

The CSS property to change the color of the text to Hex 462375 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 #462375 looks like.

```
.text, #text, p{  
    color:#462375  
}
```

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 #462375 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #462375  
}
```

Border

The CSS property to change the border of an element to Hex 462375 is called "border". The border property can be set on classes, ids or directly on the HTML element.

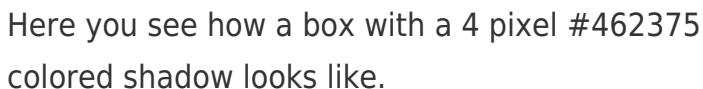
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#462375 }
```

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

```
.border{ border-color:#462375 }
```

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



Here you see how a box with a 4 pixel #462375 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #462375; -webkit-box-shadow:4px 4px  
4px 4px #462375; box-shadow:4px 4px 4px  
4px #462375 }
```

Background

The CSS property to change the background color of an element to Hex 462375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#462375 }
```

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

```
.background{ background-color:#462375 }
```

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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