

Converting Colors

Hex(462A4F)

Have a look what the booklet for
Hex(462A4F) contains.

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Color

Hex(462A4F)

Conversions

Conversions Part 1

Format	Color
Hex	462A4F
RGB	70, 42, 79
RGB Percent	27%, 16%, 31%
CMY	0.7255, 0.8353, 0.6902
CMYK	0.11, 0.47, 0.00, 0.69
HSL	285°, 31%, 24%
HSV	285°, 47%, 31%
XYZ	4.7650, 3.5225, 7.8259
YIQ	54.5900, 4.8110, 17.4430

Conversions

Conversions Part 2

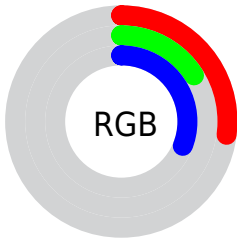
Format	Color
R_{YB}	70, 42, 79
Decimal	4598351
CIE _{Lab}	22.03, 20.46, -17.59
CIE _{LCh}	22, 26.985, 319.310
Yxy	3.5225, 0.2957, 0.2186
Android (android.graphics.Color)	4282788431 (0xFF462A4F)
YUV	54.5900, 12.0341, 13.5146
Hunter-Lab	18.7684, 12.4739, -11.5844

Details

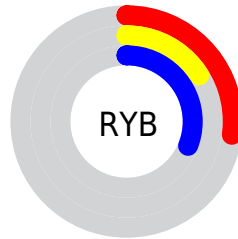
The Hex color **462A4F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **334F2A**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **775880**, and **1C0023** is the 20% darker color. If you saturate the color by 10%, you get **44224F**, and if you desaturate by 10%, it is **48324F**.

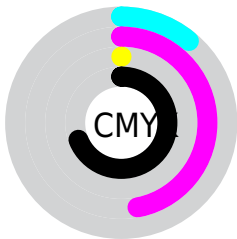
Distribution



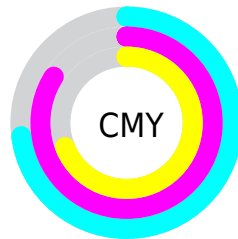
- Red (27%)
- Green (16%)
- Blue (31%)



- Red (27%)
- Yellow (16%)
- Blue (31%)



- Cyan (11%)
- Magenta (47%)
- Yellow (0%)
- Black (69%)



- Cyan (73%)
- Magenta (84%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 462A4F 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 462A4F by changing the saturation by 10% instead.

■ 462A4F

■ 462A4F

FFFFFF

■ 2F1538

■ 775880

■ 1C0023

■ 91719A

■ 000009

■ AC8AB5

■ 000000

■ C7A5D1

■ E4C0ED

■ FFDCFF

■ FFF9FF

■ 462A4F

■ 462A4F

■ 44224F

■ 48324F

■ 421A4F

■ 4A3A4F

■ 40124F

■ 4C424F

■ 3E0A4F

■ 4E4A4F

■ 3C024F

■ 50524F

■ 3C004F

■ 52594F

■ 53614F

■ 55694F

■ 57714F

Harmonies

Analogous

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



29325B



462A4F



56233D

Triad

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



462A4F



46310B



003E41

Complementary

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



462A4F



334F2A

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.



003E2D



462A4F



33380C

Square

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



462A4F



532917



1B3C19



003D53

Rectangle

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



462A4F



59232F



1B3C19



003F3B

Sweetspot

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



462A4F



635866



2A334F



312A33



B3B3B3



333333

Same Dimension

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



462A4F



582D66



4F2A46



252226



4D0066



AE00E6

Inverse Universe

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



4F2A33



662D3B



2A4F33



262223



660019



E60038

Previews

White Background



This preview shows how the Hex color 462A4F looks on a white background.

Color Contrast Check

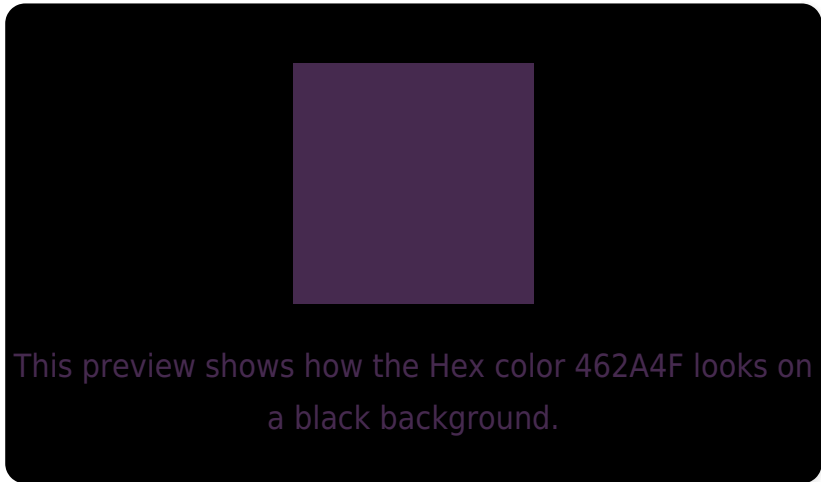
Large Text (above 18pt) WCAG AA ✓ Pass

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

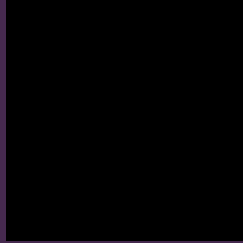
Any Text WCAG AA × Fail

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 462A4F Background



This preview shows how black text looks on a background with the Hex color 462A4F.



This preview shows how white text looks on a background with the Hex color 462A4F.

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
462A4F

Protanopia
273458

Deuteranopia
2C354D



Tritanopia
423034

Trichromacy



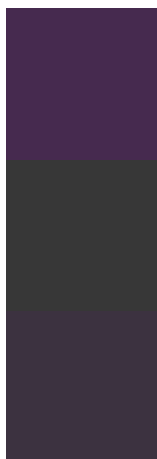
Original Color
462A4F

Protanomaly
323055

Deuteranomaly
35314E

Tritanomaly
432E3E

Monochromacy



Original Color
462A4F

Achromatopsia
373737

Achromatomaly
3C3240

CSS Examples

Text

The CSS property to change the color of the text to Hex 462A4F 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 #462A4F looks like.

```
.text, #text, p{  
    color:#462A4F  
}
```

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 #462A4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #462A4F
}
```

Border

The CSS property to change the border of an element to Hex 462A4F 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
#462A4F }
```

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

```
.border{ border-color:#462A4F }
```

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

Here you see how a box with a 4 pixel #462A4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #462A4F; -webkit-box-shadow:4px 4px  
4px 4px #462A4F; box-shadow:4px 4px 4px  
4px #462A4F }
```

Background

The CSS property to change the background color of an element to Hex 462A4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#462A4F }
```

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

```
.background{ background-color:#462A4F }
```

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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