

Converting Colors

Hex(462E5D)

Have a look what the booklet for
Hex(462E5D) contains.

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Color

Hex(462E5D)

Conversions

Conversions Part 1

Format	Color
Hex	462E5D
RGB	70, 46, 93
RGB Percent	27%, 18%, 36%
CMY	0.7255, 0.8196, 0.6353
CMYK	0.25, 0.51, 0.00, 0.64
HSL	271°, 34%, 27%
HSV	271°, 51%, 36%
XYZ	5.4786, 4.0464, 10.8482
YIQ	58.5340, -0.7830, 19.7050

Conversions

Conversions Part 2

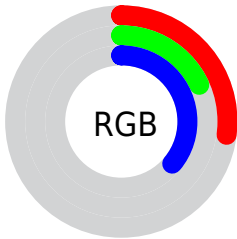
Format	Color
R_{YB}	70, 46, 93
Decimal	4599389
CIE _{Lab}	23.82, 21.49, -24.06
CIE _{LCh}	24, 32.254, 311.772
Yxy	4.0464, 0.2689, 0.1986
Android (android.graphics.Color)	4282789469 (0xFF462E5D)
YUV	58.5340, 16.9917, 10.0557
Hunter-Lab	20.1157, 13.4127, -17.8937

Details

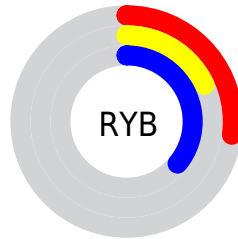
The Hex color **462E5D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **455D2E**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **785D90**, and **1A002F** is the 20% darker color. If you saturate the color by 10%, you get **41255D**, and if you desaturate by 10%, it is **4B375D**.

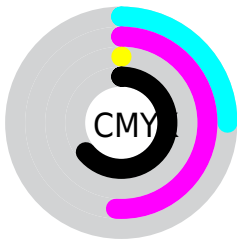
Distribution



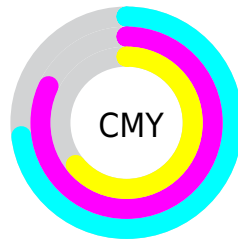
- Red (27%)
- Green (18%)
- Blue (36%)



- Red (27%)
- Yellow (18%)
- Blue (36%)



- Cyan (25%)
- Magenta (51%)
- Yellow (0%)
- Black (64%)



- Cyan (73%)
- Magenta (82%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 462E5D 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 462E5D by changing the saturation by 10% instead.

■ 462E5D

■ 462E5D

FFFFFF

■ 2F1845

■ 785D90

■ 1A002F

■ 9275AA

■ 000119

■ AD8FC6

■ 000000

■ C8AAE2

■ E5C5FE

■ FFE1FF

■ FFFEFF

■ 462E5D

■ 462E5D

■ 41255D

■ 4B375D

■ 3D1B5D

■ 4F415D

■ 38125D

■ 544A5D

■ 34095D

■ 58535D

■ 2F005D

■ 5D5D5D

■ 61665D

■ 666F5D

■ 6A785D

■ 6F825D

Harmonies

Analogous

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



183868



462E5D



5D2448

Triad

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



462E5D



513207



004442

Complementary

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



462E5D



455D2E

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.



004329



462E5D



3C3B02

Square

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



462E5D



5F281A



214012



004358

Rectangle

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



462E5D



632138



214012



004439

Sweetspot

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



462E5D



6F6678



2E465D



38323D



BDBDBD



3D3D3D

Same Dimension

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



462E5D



542F78



5D2E5D



2C292E



38006E



7900ED

Inverse Universe

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



5D2E45



782F53



2E5D2E



2E292C



6E0036



ED0074

Previews

White Background



This preview shows how the Hex color 462E5D 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

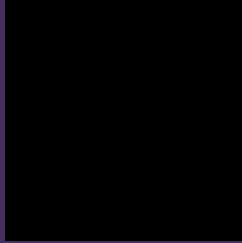
Any Text WCAG AA × Fail

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 462E5D Background



This preview shows how black text looks on a background with the Hex color 462E5D.



This preview shows how white text looks on a background with the Hex color 462E5D.

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](#).

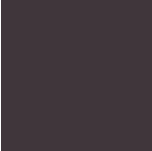
Dichromacy



Original Color
462E5D

Protanopia
233866

Deuteranopia
26395B



Tritanopia
40363B

Trichromacy



Original Color
462E5D

Protanomaly
303463

Deuteranomaly
32355C

Tritanomaly
423347

Monochromacy



Original Color
462E5D

Achromatopsia
3B3B3B

Achromatomaly
3F3647

CSS Examples

Text

The CSS property to change the color of the text to Hex 462E5D 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 #462E5D looks like.

```
.text, #text, p{  
    color:#462E5D  
}
```

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 #462E5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #462E5D
}
```

Border

The CSS property to change the border of an element to Hex 462E5D is called "border". The border property can be set on classes, ids or directly on the HTML element.

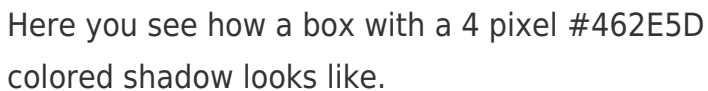
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#462E5D }
```

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

```
.border{ border-color:#462E5D }
```

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



Here you see how a box with a 4 pixel #462E5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #462E5D; -webkit-box-shadow:4px 4px  
4px 4px #462E5D; box-shadow:4px 4px 4px  
4px #462E5D }
```

Background

The CSS property to change the background color of an element to Hex 462E5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#462E5D }
```

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

```
.background{ background-color:#462E5D }
```

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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