

Converting Colors

Hex(442F5B)

Have a look what the booklet for
Hex(442F5B) contains.

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Color

Hex(442F5B)

Conversions

Conversions Part 1

Format	Color
Hex	442F5B
RGB	68, 47, 91
RGB Percent	27%, 18%, 36%
CMY	0.7333, 0.8157, 0.6431
CMYK	0.25, 0.48, 0.00, 0.64
HSL	269°, 32%, 27%
HSV	269°, 48%, 36%
XYZ	5.2887, 4.0173, 10.3942
YIQ	58.2950, -1.6080, 18.1360

Conversions

Conversions Part 2

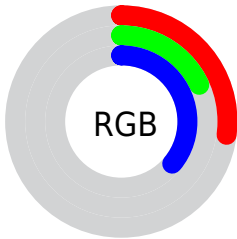
Format	Color
RYB	68, 47, 91
Decimal	4468571
CIELab	23.73, 19.64, -22.91
CIELCh	24, 30.176, 310.611
Yxy	4.0173, 0.2685, 0.2039
Android (android.graphics.Color)	4282658651 (0xFF442F5B)
YUV	58.2950, 16.1236, 8.5113
Hunter-Lab	20.0432, 12.0246, -16.7169

Details

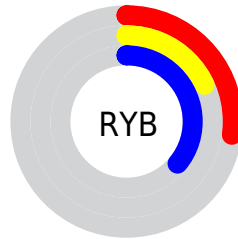
The Hex color **442F5B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **465B2F**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **755D8D**, and **18012D** is the 20% darker color. If you saturate the color by 10%, you get **3F265B**, and if you desaturate by 10%, it is **49385B**.

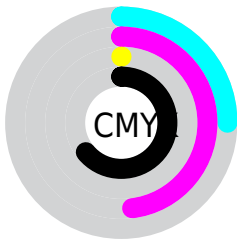
Distribution



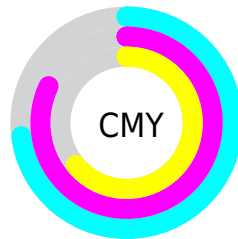
- Red (27%)
- Green (18%)
- Blue (36%)



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



- Cyan (25%)
- Magenta (48%)
- Yellow (0%)
- Black (64%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 442F5B 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 442F5B by changing the saturation by 10% instead.

■ 442F5B

■ 442F5B

FFFFFF

■ 2D1A43

■ 755D8D

■ 18012D

■ 8F76A8

■ 000118

■ AA90C3

■ 000000

■ C6ABDF

■ E2C6FC

■ FFE2FF

■ 442F5B

■ 442F5B

■ 3F265B

■ 49385B

■ 3A1D5B

■ 4E415B

■ 36145B

■ 524A5B

■ 310B5B

■ 57535B

■ 2C025B

■ 5C5D5B

■ 2B005B

■ 61665B

■ 656F5B

■ 6A785B

■ 6F815B

Harmonies

Analogous

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



1A3865



442F5B



5A2648

Triad

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



442F5B



50320C



004340

Complementary

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



442F5B



465B2F

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.



004229



442F5B



3D3A07

Square

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



442F5B



5D291C



243F14



004255

Rectangle

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



442F5B



602339



243F14



004338

Sweetspot

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



442F5B



6C6475



2F465B



35303B



BABABA



3B3B3B

Same Dimension

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



442F5B



523175



5A2F5B



2C292E



34006E



7100ED

Inverse Universe

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



5B2F46



753155



305B2F



2E292C



6E0039



ED007C

Previews

White Background



This preview shows how the Hex color 442F5B looks on a white background.

Color Contrast Check

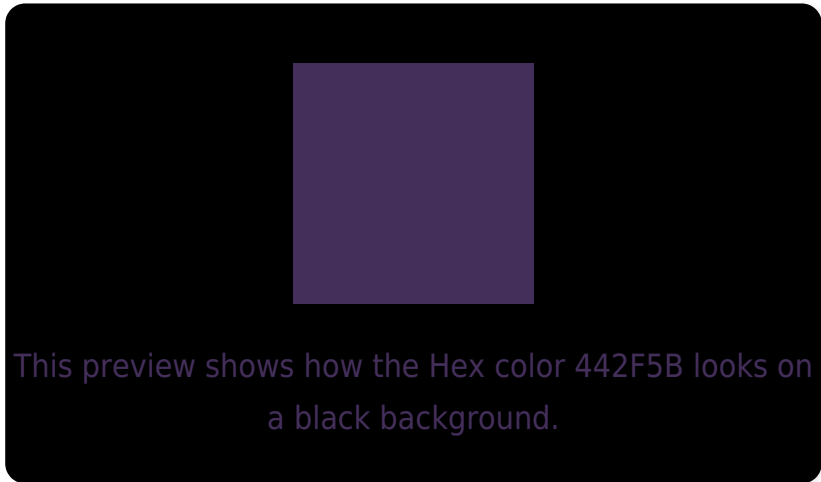
Large Text (above 18pt) WCAG AA ✓ Pass

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

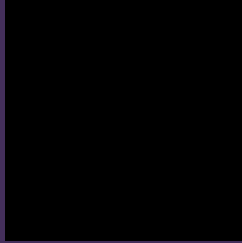
Any Text WCAG AA × Fail

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 442F5B Background



This preview shows how black text looks on a background with the Hex color 442F5B.



This preview shows how white text looks on a background with the Hex color 442F5B.

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
442F5B

Protanopia
253763

Deuteranopia
273959



Tritanopia
3E373B

Trichromacy



Original Color
442F5B

Protanomaly
303460

Deuteranomaly
32355A

Tritanomaly
403447

Monochromacy



Original Color
442F5B

Achromatopsia
3A3A3A

Achromatomaly
3E3646

CSS Examples

Text

The CSS property to change the color of the text to Hex 442F5B 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 #442F5B looks like.

```
.text, #text, p{  
    color:#442F5B  
}
```

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 #442F5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #442F5B
}
```

Border

The CSS property to change the border of an element to Hex 442F5B is called "border". The border property can be set on classes, ids or directly on the HTML element.

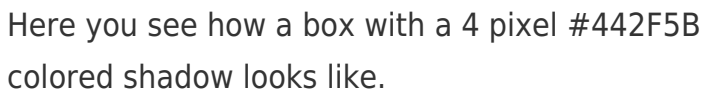
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#442F5B }
```

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

```
.border{ border-color:#442F5B }
```

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



Here you see how a box with a 4 pixel #442F5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #442F5B; -webkit-box-shadow:4px 4px  
4px 4px #442F5B; box-shadow:4px 4px 4px  
4px #442F5B }
```

Background

The CSS property to change the background color of an element to Hex 442F5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#442F5B }
```

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

```
.background{ background-color:#442F5B }
```

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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