

Converting Colors

Hex(442F8A)

Have a look what the booklet for
Hex(442F8A) contains.

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Color

Hex(442F8A)

Conversions

Conversions Part 1

Format	Color
Hex	442F8A
RGB	68, 47, 138
RGB Percent	27%, 18%, 54%
CMY	0.7333, 0.8157, 0.4588
CMYK	0.51, 0.66, 0.00, 0.46
HSL	254°, 49%, 36%
HSV	254°, 66%, 54%
XYZ	7.9879, 5.0970, 24.6076
YIQ	63.6530, -16.6950, 32.7530

Conversions

Conversions Part 2

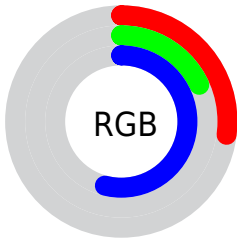
Format	Color
RYB	68, 47, 138
Decimal	4468618
CIELab	27.01, 33.63, -47.67
CIELCh	27, 58.337, 305.200
Yxy	5.0970, 0.2119, 0.1352
Android (android.graphics.Color)	4282658698 (0xFF442F8A)
YUV	63.6530, 36.6531, 3.8123
Hunter-Lab	22.5764, 23.6470, -48.8206

Details

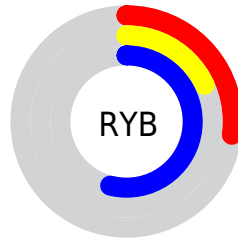
The Hex color **442F8A** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **758A2F**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **7A5EC0**, and **020457** is the 20% darker color. If you saturate the color by 10%, you get **39218A**, and if you desaturate by 10%, it is **4F3D8A**.

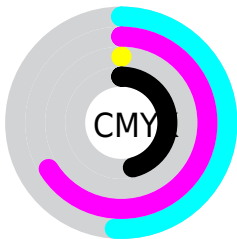
Distribution



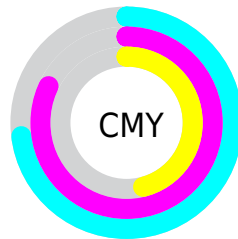
- Red (27%)
- Green (18%)
- Blue (54%)



- Red (27%)
- Yellow (18%)
- Blue (54%)



- Cyan (51%)
- Magenta (66%)
- Yellow (0%)
- Black (46%)



- Cyan (73%)
- Magenta (82%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 442F8A 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 442F8A by changing the saturation by 10% instead.

■ 442F8A

■ 442F8A

FFFFFF

■ 281970

■ 7A5EC0

■ 020457

■ 9677DC

■ 00003F

■ B291F9

■ 000328

■ CEACFF

■ 000112

■ EBC8FF

■ 000000

■ FFE4FF

■ 442F8A

■ 442F8A

■ 39218A

■ 4F3D8A

■ 2F138A

■ 594B8A

■ 24068A

■ 64588A

■ 20008A

■ 6E668A

■ 79748A

■ 84828A

■ 8E908A

■ 999D8A

■ A4AB8A

Harmonies

Analogous

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



00449A



442F8A



790466

Triad

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



442F8A



6C2E00



005147

Complementary

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



442F8A



758A2F

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.



004F16



442F8A



484100

Square

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



442F8A



84090E



164B00



005273

Rectangle

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



442F8A



870049



164B00



005137

Sweetspot

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



442F8A



978FB3



2F768A



494459



D9D9D9



595959

Same Dimension

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



442F8A



4625B3



702F8A



403E45



1F0085



010005

Inverse Universe

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



8A2F75



B32592



498A2F



453E43



850066



050004

Previews

White Background



This preview shows how the Hex color 442F8A 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

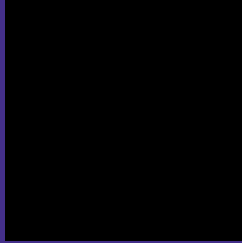
Any Text WCAG AA × Fail

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 442F8A Background



This preview shows how black text looks on a background with the Hex color 442F8A.



This preview shows how white text looks on a background with the Hex color 442F8A.

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](#).

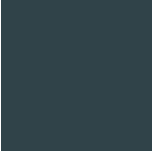
Dichromacy



Original Color
442F8A

Protanopia
003E83

Deuteranopia
004271



Tritanopia
304349

Trichromacy



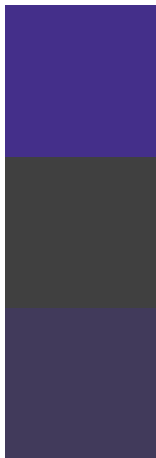
Original Color
442F8A

Protanomaly
193986

Deuteranomaly
193B7A

Tritanomaly
373C61

Monochromacy



Original Color
442F8A

Achromatopsia
404040

Achromatomaly
413A5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 442F8A 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 #442F8A looks like.

```
.text, #text, p{  
    color:#442F8A  
}
```

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 #442F8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #442F8A
}
```

Border

The CSS property to change the border of an element to Hex 442F8A 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
#442F8A }
```

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

```
.border{ border-color:#442F8A }
```

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

Here you see how a box with a 4 pixel #442F8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #442F8A; -webkit-box-shadow:4px 4px  
4px 4px #442F8A; box-shadow:4px 4px 4px  
4px #442F8A }
```

Background

The CSS property to change the background color of an element to Hex 442F8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#442F8A }
```

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

```
.background{ background-color:#442F8A }
```

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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