

Converting Colors

Hex(42388C)

Have a look what the booklet for
Hex(42388C) contains.

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Color

Hex(42388C)

Conversions

Conversions Part 1

Format	Color
Hex	42388C
RGB	66, 56, 140
RGB Percent	26%, 22%, 55%
CMY	0.7412, 0.7804, 0.4510
CMYK	0.53, 0.60, 0.00, 0.45
HSL	247°, 43%, 38%
HSV	247°, 60%, 55%
XYZ	8.3946, 5.8800, 25.5035
YIQ	68.5660, -21.0040, 28.2440

Conversions

Conversions Part 2

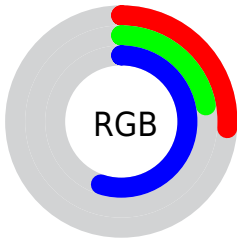
Format	Color
R _Y B	66, 56, 140
Decimal	4339852
CIE Lab	29.11, 28.24, -45.51
CIE LCh	29, 53.561, 301.816
Yxy	5.8800, 0.2110, 0.1478
Android (android.graphics.Color)	4282529932 (0xFF42388C)
YUV	68.5660, 35.2170, -2.2504
Hunter-Lab	24.2488, 19.3585, -45.3836

Details

The Hex color **42388C** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **828C38**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **7867C2**, and **000E59** is the 20% darker color. If you saturate the color by 10%, you get **362A8C**, and if you desaturate by 10%, it is **4E468C**.

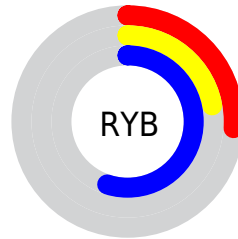
Distribution



Red (26%)

Green (22%)

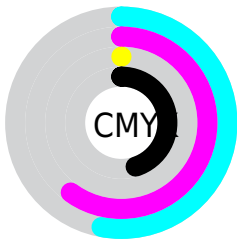
Blue (55%)



Red (26%)

Yellow (22%)

Blue (55%)

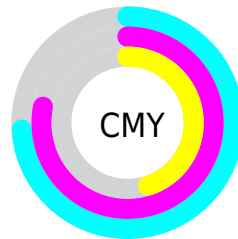


Cyan (53%)

Magenta (60%)

Yellow (0%)

Black (45%)



Cyan (74%)

Magenta (78%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42388C 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 42388C by changing the saturation by 10% instead.

■ 42388C

■ 42388C

FFFFFF

■ 262272

■ 7867C2

■ 000E59

■ 9381DF

■ 000041

■ AF9BFB

■ 00032A

■ CCB6FF

■ 000114

■ E9D1FF

■ 000000

■ FFEEFF

■ 42388C

■ 42388C

■ 362A8C

■ 4E468C

■ 291C8C

■ 5B548C

■ 1D0E8C

■ 67628C

■ 11008C

■ 73708C

■ 807E8C

■ 8C8C8C

■ 989A8C

■ A5A88C

■ B1B68C

Harmonies

Analogous

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



004999



42388C



771D6D

Triad

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



42388C



733200



005646

Complementary

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



42388C



828C38

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.



00541A



42388C



534400

Square

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



42388C



87181C



284E00



005670

Rectangle

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



42388C



870752



284E00



005537

Sweetspot

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



42388C



9894B5



38828C



4A485C



DBDBDB



5C5C5C

Same Dimension

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



42388C



4233B5



6C388C



3F3E45



100085



010005

Inverse Universe

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



8C3882



B533A6



588C38



453E44



850075



050004

Previews

White Background



This preview shows how the Hex color 42388C looks on a white background.

Color Contrast Check

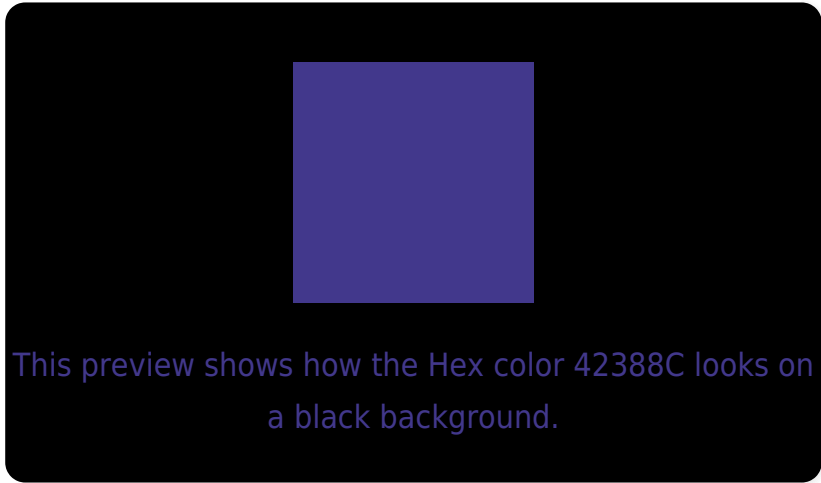
Large Text (above 18pt) WCAG AA ✓ Pass

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

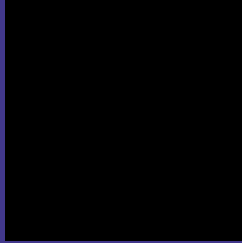
Any Text WCAG AA × Fail

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 42388C Background



This preview shows how black text looks on a background with the Hex color 42388C.

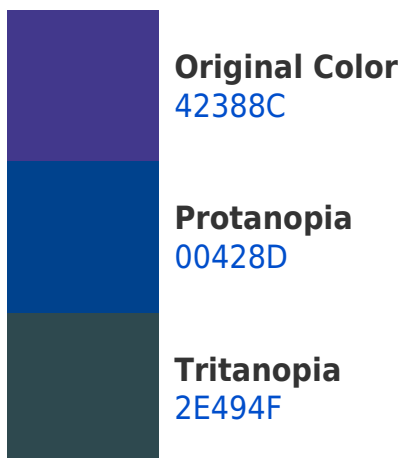


This preview shows how white text looks on a background with the Hex color 42388C.

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



Trichromacy



Original Color
42388C

Protanomaly
183E8D

Tritanomaly
354365

Monochromacy



Original Color
42388C

Achromatopsia
454545

Achromatomaly
44405F

CSS Examples

Text

The CSS property to change the color of the text to Hex 42388C 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 #42388C looks like.

```
.text, #text, p{  
    color:#42388C  
}
```

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 #42388C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42388C
}
```

Border

The CSS property to change the border of an element to Hex 42388C 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
#42388C }
```

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

```
.border{ border-color:#42388C }
```

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

Here you see how a box with a 4 pixel #42388C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42388C; -webkit-box-shadow:4px 4px  
4px 4px #42388C; box-shadow:4px 4px 4px  
4px #42388C }
```

Background

The CSS property to change the background color of an element to Hex 42388C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42388C }
```

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

```
.background{ background-color:#42388C }
```

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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