

Converting Colors

Hex(4C4388)

Have a look what the booklet for
Hex(4C4388) contains.

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Color

Hex(4C4388)

Conversions

Conversions Part 1

Format	Color
Hex	4C4388
RGB	76, 67, 136
RGB Percent	30%, 26%, 53%
CMY	0.7020, 0.7373, 0.4667
CMYK	0.44, 0.51, 0.00, 0.47
HSL	248°, 34%, 40%
HSV	248°, 51%, 53%
XYZ	9.4316, 7.3284, 24.2100
YIQ	77.5570, -16.7850, 23.3670

Conversions

Conversions Part 2

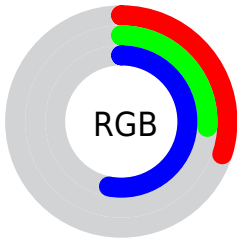
Format	Color
R_{YB}	76, 67, 136
Decimal	4998024
CIE _{Lab}	32.54, 22.25, -37.47
CIE _{LCh}	33, 43.575, 300.697
Yxy	7.3284, 0.2302, 0.1789
Android (android.graphics.Color)	4283188104 (0xFF4C4388)
YUV	77.5570, 28.8124, -1.3655
Hunter-Lab	27.0710, 14.8155, -34.0742

Details

The Hex color **4C4388** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7F8843**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **8073BE**, and **171856** is the 20% darker color. If you saturate the color by 10%, you get **403588**, and if you desaturate by 10%, it is **585188**.

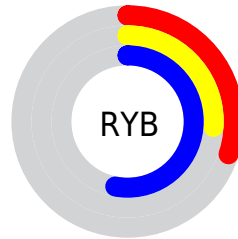
Distribution



Red (30%)

Green (26%)

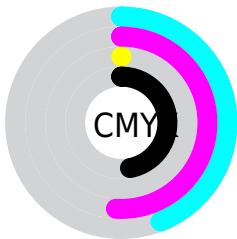
Blue (53%)



Red (30%)

Yellow (26%)

Blue (53%)

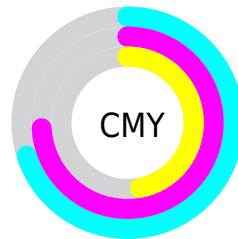


Cyan (44%)

Magenta (51%)

Yellow (0%)

Black (47%)



Cyan (70%)

Magenta (74%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C4388 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 4C4388 by changing the saturation by 10% instead.

■ 4C4388

■ 4C4388

FFFFFF

■ 322D6E

■ 8073BE

■ 171856

■ 9B8DDA

■ 00003E

■ B7A7F7

■ 000327

■ D3C2FF

■ 000111

■ F0DEFF

■ 000000

■ FFFBFF

■ 4C4388

■ 4C4388

■ 403588

■ 585188

■ 342888

■ 645E88

■ 291A88

■ 6F6C88

■ 1D0D88

■ 7B7988

■ 120088

■ 878788

■ 939588

■ 9FA288

■ ABB088

■ B6BD88

Harmonies

Analogous

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



005092



4C4388



76336F

Triad

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



4C4388



773E0D



005C4C

Complementary

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



4C4388



7F8843

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.



005A29



4C4388



5C4B00

Square

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



4C4388



872F2C



3A5507



005C6F

Rectangle

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



4C4388



842A59



3A5507



005C40

Sweetspot

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



4C4388



9996B0



438088



4B4959



D9D9D9



595959

Same Dimension

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



4C4388



5345B0



6E4388



3F3E45



110085



010005

Inverse Universe

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



88437F



B045A2



5D8843



453E44



850073



050004

Previews

White Background



This preview shows how the Hex color 4C4388 looks on a white background.

Color Contrast Check

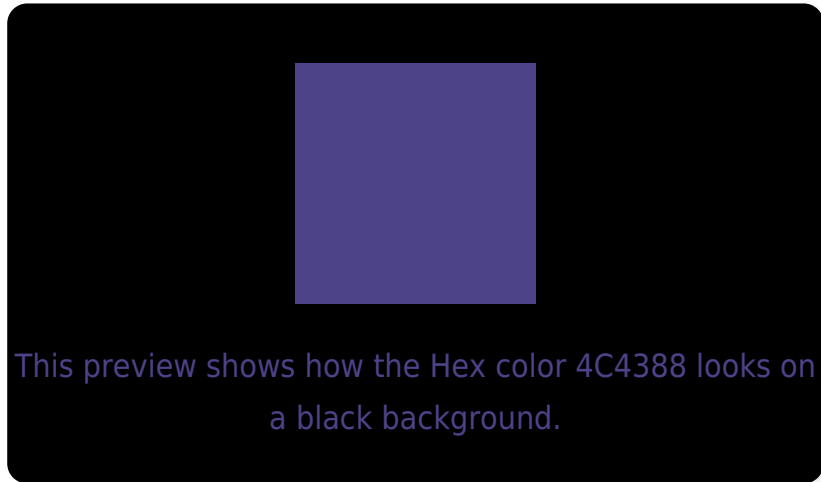
Large Text (above 18pt) WCAG AA ✓ Pass

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

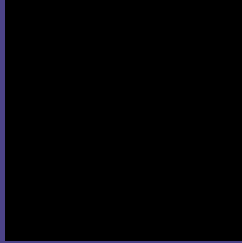
Any Text WCAG AA × Fail

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 4C4388 Background



This preview shows how black text looks on a background with the Hex color 4C4388.



This preview shows how white text looks on a background with the Hex color 4C4388.

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
4C4388

Protanopia
284A8F

Deuteranopia
1E4E86



Tritanopia
3F4F56

Trichromacy



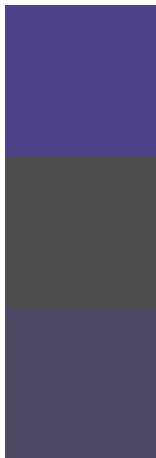
Original Color
4C4388

Protanomaly
35478C

Deuteranomaly
2F4A87

Tritanomaly
444B68

Monochromacy



Original Color
4C4388

Achromatopsia
4E4E4E

Achromatomaly
4D4A63

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C4388 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 #4C4388 looks like.

```
.text, #text, p{  
    color:#4C4388  
}
```

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 #4C4388 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4388
}
```

Border

The CSS property to change the border of an element to Hex 4C4388 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
#4C4388 }
```

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

```
.border{ border-color:#4C4388 }
```

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

Here you see how a box with a 4 pixel #4C4388 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4388; -webkit-box-shadow:4px 4px  
4px 4px #4C4388; box-shadow:4px 4px 4px  
4px #4C4388 }
```

Background

The CSS property to change the background color of an element to Hex 4C4388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4388 }
```

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

```
.background{ background-color:#4C4388 }
```

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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