

Converting Colors

Hex(4C3988)

Have a look what the booklet for
Hex(4C3988) contains.

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Color

Hex(4C3988)

Conversions

Conversions Part 1

Format	Color
Hex	4C3988
RGB	76, 57, 136
RGB Percent	30%, 22%, 53%
CMY	0.7020, 0.7765, 0.4667
CMYK	0.44, 0.58, 0.00, 0.47
HSL	254°, 41%, 38%
HSV	254°, 58%, 53%
XYZ	8.8876, 6.2403, 24.0286
YIQ	71.6870, -14.0350, 28.5970

Conversions

Conversions Part 2

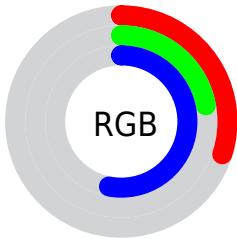
Format	Color
R_{YB}	76, 57, 136
Decimal	4995464
CIE _{Lab}	30.01, 28.62, -41.53
CIE _{LCh}	30, 50.439, 304.572
Yxy	6.2403, 0.2270, 0.1594
Android (android.graphics.Color)	4283185544 (0xFF4C3988)
YUV	71.6870, 31.7063, 3.7825
Hunter-Lab	24.9806, 19.7901, -39.5440

Details

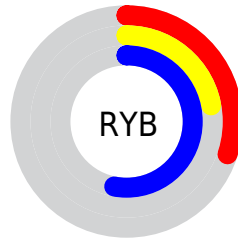
The Hex color **4C3988** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **758839**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **8169BE**, and **150E55** is the 20% darker color. If you saturate the color by 10%, you get **422B88**, and if you desaturate by 10%, it is **564788**.

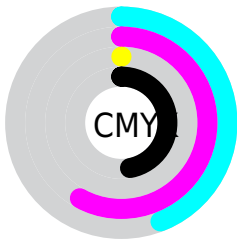
Distribution



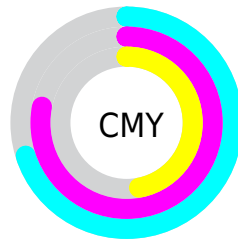
- Red (30%)
- Green (22%)
- Blue (53%)



- Red (30%)
- Yellow (22%)
- Blue (53%)



- Cyan (44%)
- Magenta (58%)
- Yellow (0%)
- Black (47%)



- Cyan (70%)
- Magenta (78%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C3988 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 4C3988 by changing the saturation by 10% instead.

■ 4C3988

■ 4C3988

FFFFFF

■ 32236E

■ 8169BE

■ 150E55

■ 9C82DA

■ 01003E

■ B89CF7

■ 000327

■ D4B7FF

■ 000110

■ F1D3FF

■ 000000

■ FFF0FF

■ 4C3988

■ 4C3988

■ 422B88

■ 564788

■ 371E88

■ 615488

■ 2D1088

■ 6B6288

■ 230388

■ 756F88

■ 210088

■ 807D88

■ 8A8B88

■ 949888

■ 9FA688

■ A9B388

Harmonies

Analogous

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



004A96



4C3988



792269

Triad

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



4C3988



713700



00574C

Complementary

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



4C3988



758839

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.



005522



4C3988



524700

Square

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



4C3988



85221C



285100



005773

Rectangle

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



4C3988



871550



285100



00573E

Sweetspot

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



4C3988



9992B0



397688



4C4759



D9D9D9



595959

Same Dimension

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



4C3988



5235B0



733988



403E45



200085



010005

Inverse Universe

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



883975



B03592



4E8839



453E43



850065



050004

Previews

White Background



This preview shows how the Hex color 4C3988 looks on a white background.

Color Contrast Check

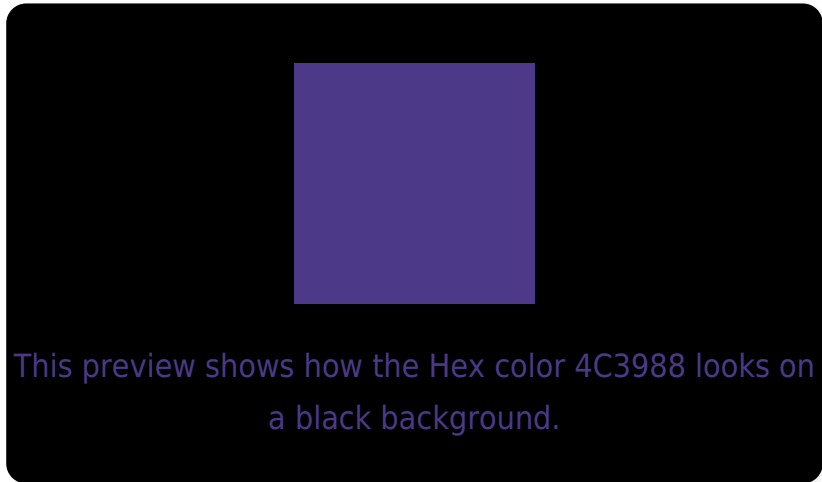
Large Text (above 18pt) WCAG AA ✓ Pass

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 4C3988 Background



This preview shows how black text looks on a background with the Hex color 4C3988.

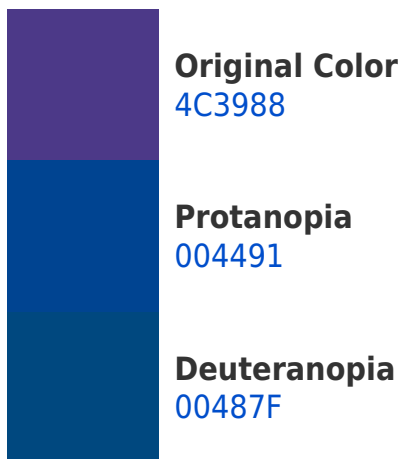


This preview shows how white text looks on a background with the Hex color 4C3988.

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





Tritanopia
3D494E

Trichromacy



Original Color
4C3988

Protanomaly
1C408E

Deuteranomaly
1C4382

Tritanomaly
424363

Monochromacy



Original Color
4C3988

Achromatopsia
484848

Achromatomaly
49435F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C3988 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 #4C3988 looks like.

```
.text, #text, p{  
    color:#4C3988  
}
```

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 #4C3988 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C3988
}
```

Border

The CSS property to change the border of an element to Hex 4C3988 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
#4C3988 }
```

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

```
.border{ border-color:#4C3988 }
```

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

Here you see how a box with a 4 pixel #4C3988 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C3988; -webkit-box-shadow:4px 4px  
4px 4px #4C3988; box-shadow:4px 4px 4px  
4px #4C3988 }
```

Background

The CSS property to change the background color of an element to Hex 4C3988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C3988 }
```

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

```
.background{ background-color:#4C3988 }
```

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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