

Converting Colors

Hex(4C3984)

Have a look what the booklet for
Hex(4C3984) contains.

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Color

Hex(4C3984)

Conversions

Conversions Part 1

Format	Color
Hex	4C3984
RGB	76, 57, 132
RGB Percent	30%, 22%, 52%
CMY	0.7020, 0.7765, 0.4824
CMYK	0.42, 0.57, 0.00, 0.48
HSL	255°, 40%, 37%
HSV	255°, 57%, 52%
XYZ	8.6085, 6.1287, 22.5590
YIQ	71.2310, -12.7510, 27.3530

Conversions

Conversions Part 2

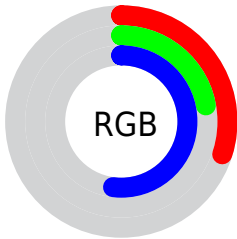
Format	Color
R_{YB}	76, 57, 132
Decimal	4995460
CIE _{Lab}	29.73, 27.41, -39.49
CIE _{LCh}	30, 48.072, 304.763
Yxy	6.1287, 0.2308, 0.1643
Android (android.graphics.Color)	4283185540 (0xFF4C3984)
YUV	71.2310, 29.9591, 4.1824
Hunter-Lab	24.7562, 18.7464, -36.6985

Details

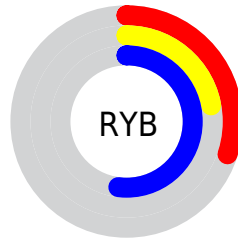
The Hex color **4C3984** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **718439**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **8069BA**, and **170E52** is the 20% darker color. If you saturate the color by 10%, you get **422C84**, and if you desaturate by 10%, it is **564684**.

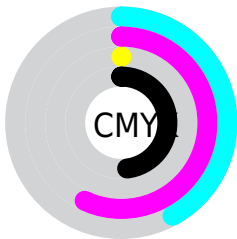
Distribution



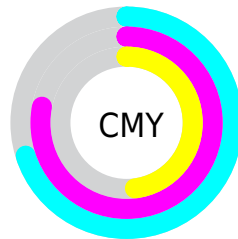
- Red (30%)
- Green (22%)
- Blue (52%)



- Red (30%)
- Yellow (22%)
- Blue (52%)



- Cyan (42%)
- Magenta (57%)
- Yellow (0%)
- Black (48%)



- Cyan (70%)
- Magenta (78%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C3984 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 4C3984 by changing the saturation by 10% instead.



4C3984



4C3984

FFFFFF



32236A



8069BA



170E52



9C82D6



02003A



B79CF2



000224



D4B7FF



00000B



F0D3FF



000000



FFEEFF



4C3984



4C3984



422C84



564684

■ 381F84

■ 605384

■ 2E1184

■ 6A6184

■ 250484

■ 736E84

■ 210084

■ 7D7B84

■ 878884

■ 919584

■ 9BA384

■ A5B084

Harmonies

Analogous

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



004991



4C3984



762467

Triad

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



4C3984



6E3800



00564B

Complementary

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



4C3984



718439

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.



005424



4C3984



514600

Square

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



4C3984



82251E



295000



005670

Rectangle

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



4C3984



84194E



295000



00563E

Sweetspot

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



4C3984



958EAB



397184



4A4557



D6D6D6



575757

Same Dimension

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



4C3984



5437AB



713984



3D3C42



210082



010003

Inverse Universe

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



843971



AB378D



4C8439



423C41



820061



030002

Previews

White Background



This preview shows how the Hex color 4C3984 looks on a white background.

Color Contrast Check

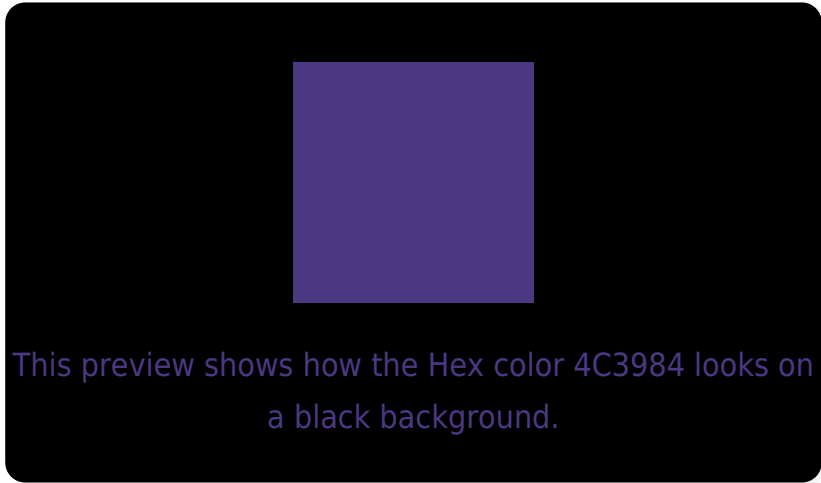
Large Text (above 18pt) WCAG AA ✓ Pass

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

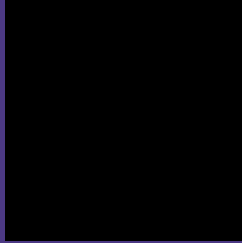
Any Text WCAG AA × Fail

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 4C3984 Background



This preview shows how black text looks on a background with the Hex color 4C3984.



This preview shows how white text looks on a background with the Hex color 4C3984.

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](#).

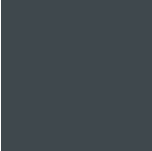
Dichromacy



Original Color
4C3984

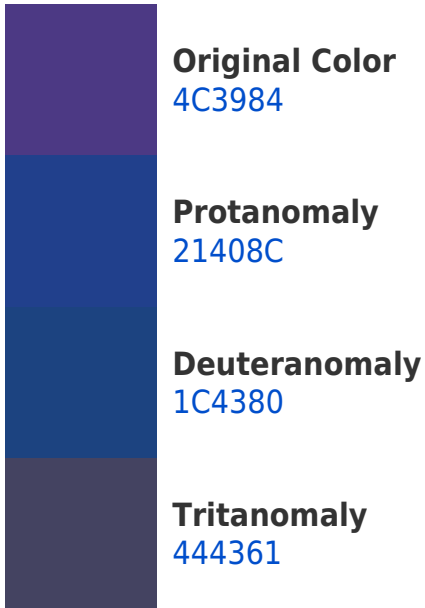
Protanopia
094490

Deuteranopia
00487E



Tritanopia
3F484D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C3984 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 #4C3984 looks like.

```
.text, #text, p{  
    color:#4C3984  
}
```

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 #4C3984 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C3984
}
```

Border

The CSS property to change the border of an element to Hex 4C3984 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
#4C3984 }
```

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

```
.border{ border-color:#4C3984 }
```

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

Here you see how a box with a 4 pixel #4C3984 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C3984; -webkit-box-shadow:4px 4px  
4px 4px #4C3984; box-shadow:4px 4px 4px  
4px #4C3984 }
```

Background

The CSS property to change the background color of an element to Hex 4C3984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C3984 }
```

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

```
.background{ background-color:#4C3984 }
```

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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