

Converting Colors

Hex(400984)

Have a look what the booklet for
Hex(400984) contains.

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Color

Hex(400984)

Conversions

Conversions Part 1

Format	Color
Hex	400984
RGB	64, 9, 132
RGB Percent	25%, 4%, 52%
CMY	0.7490, 0.9647, 0.4824
CMYK	0.52, 0.93, 0.00, 0.48
HSL	267°, 87%, 28%
HSV	267°, 93%, 52%
XYZ	6.3769, 2.9513, 22.0634
YIQ	39.4670, -6.7030, 49.9130

Conversions

Conversions Part 2

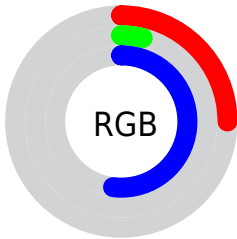
Format	Color
RYB	64, 9, 132
Decimal	4196740
CIELab	19.85, 48.65, -55.67
CIELCh	20, 73.931, 311.155
Yxy	2.9513, 0.2031, 0.0940
Android (android.graphics.Color)	4282386820 (0xFF400984)
YUV	39.4670, 45.6188, 21.5154
Hunter-Lab	17.1794, 36.1944, -64.1202

Details

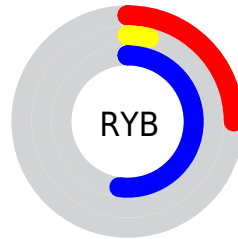
The Hex color **400984** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4D8409**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **7840BA**, and **020051** is the 20% darker color. If you saturate the color by 10%, you get **3B0084**, and if you desaturate by 10%, it is **471684**.

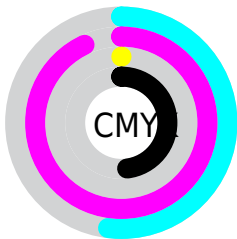
Distribution



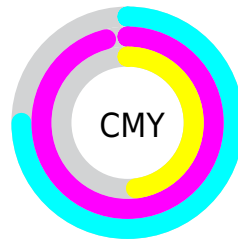
- Red (25%)
- Green (4%)
- Blue (52%)



- Red (25%)
- Yellow (4%)
- Blue (52%)



- Cyan (52%)
- Magenta (93%)
- Yellow (0%)
- Black (48%)



- Cyan (75%)
- Magenta (96%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 400984 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 400984 by changing the saturation by 10% instead.

 400984

 400984

FFFEFF

 22006A

 7840BA

 020051

 9459D6

 000139

 B073F3

 000223

 CD8DFF

 000009

 EBA8FF

 000000

 FFC4FF

 FFE1FF

 400984

 400984

■ 3B0084

■ 471684

■ 4F2384

■ 563184

■ 5D3E84

■ 644B84

■ 6C5884

■ 736584

■ 7A7384

■ 828084

Harmonies

Analogous

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



00339F



400984



790054

Triad

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



400984



571F00



004244

Complementary

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



400984



4D8409

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.



004006



400984



293500

Square

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



400984



770000



003D00



004378

Rectangle

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



400984



850031



003D00



004231

Sweetspot

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



400984



907BAB



094F84



463957



D6D6D6



575757

Same Dimension

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



400984



4C00AB



7C0984



3F3C42



3A0082



010003

Inverse Universe

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



84094D



AB005E



118409



423C3F



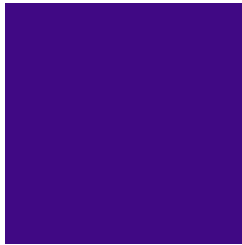
820048



030001

Previews

White Background



This preview shows how the Hex color 400984 looks on a white background.

Color Contrast Check

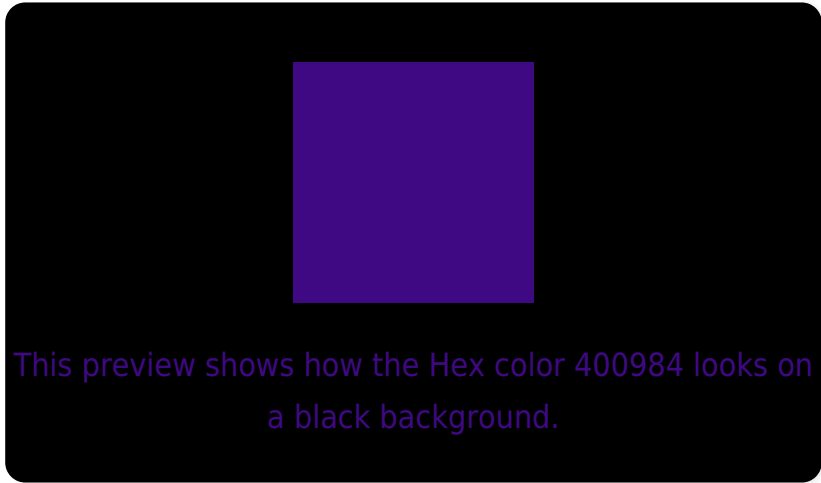
Large Text (above 18pt) WCAG AA ✓ Pass

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

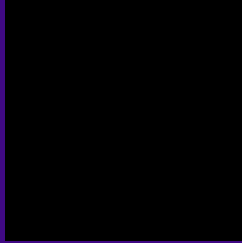
Any Text WCAG AA × Fail

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 400984 Background



This preview shows how black text looks on a background with the Hex color 400984.



This preview shows how white text looks on a background with the Hex color 400984.

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
400984

Protanopia
003066

Deuteranopia
003457



Tritanopia
293438

Trichromacy



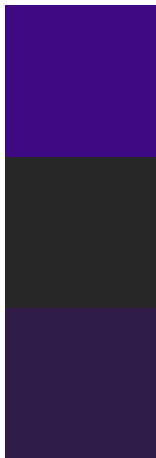
Original Color
400984

Protanomaly
172271

Deuteranomaly
172467

Tritanomaly
312454

Monochromacy



Original Color
400984

Achromatopsia
272727

Achromatomaly
301C49

CSS Examples

Text

The CSS property to change the color of the text to Hex 400984 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 #400984 looks like.

```
.text, #text, p{  
    color:#400984  
}
```

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 #400984 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #400984
}
```

Border

The CSS property to change the border of an element to Hex 400984 is called "border". The border property can be set on classes, ids or directly on the HTML element.

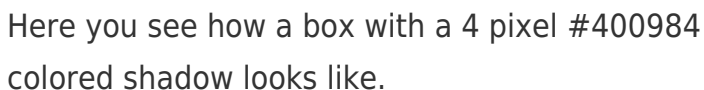
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#400984 }
```

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

```
.border{ border-color:#400984 }
```

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



Here you see how a box with a 4 pixel #400984 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #400984; -webkit-box-shadow:4px 4px  
4px 4px #400984; box-shadow:4px 4px 4px  
4px #400984 }
```

Background

The CSS property to change the background color of an element to Hex 400984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#400984 }
```

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

```
.background{ background-color:#400984 }
```

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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