

Converting Colors

Hex(0387A4)

Have a look what the booklet for
Hex(0387A4) contains.

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Color

Hex(0387A4)

Conversions

Conversions Part 1

Format	Color
Hex	0387A4
RGB	3, 135, 164
RGB Percent	1%, 53%, 64%
CMY	0.9882, 0.4706, 0.3569
CMYK	0.98, 0.18, 0.00, 0.36
HSL	191°, 96%, 33%
HSV	191°, 98%, 64%
XYZ	15.4024, 20.0276, 38.1759
YIQ	98.8380, -87.9810, -18.9650

Conversions

Conversions Part 2

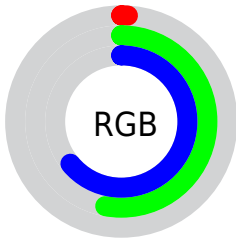
Format	Color
RYB	3, 76, 164
Decimal	231332
CIELab	51.87, -19.94, -24.01
CIELCh	52, 31.213, 230.295
Yxy	20.0276, 0.2093, 0.2721
Android (android.graphics.Color)	4278421412 (0xFF0387A4)
YUV	98.8380, 32.1249, -84.0499
Hunter-Lab	44.7523, -16.8822, -19.2507

Details

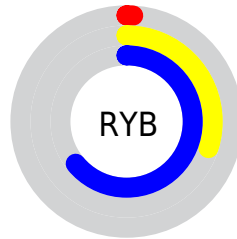
The Hex color **0387A4** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A42003**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **5ABCDB**, and **005570** is the 20% darker color. If you saturate the color by 10%, you get **0086A4**, and if you desaturate by 10%, it is **138AA4**.

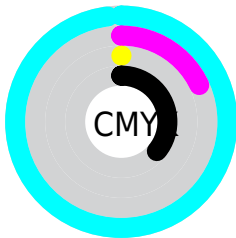
Distribution



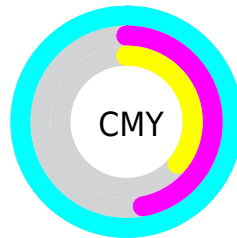
- Red (1%)
- Green (53%)
- Blue (64%)



- Red (1%)
- Yellow (30%)
- Blue (64%)



- Cyan (98%)
- Magenta (18%)
- Yellow (0%)
- Black (36%)



- Cyan (99%)
- Magenta (47%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0387A4 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 0387A4 by changing the saturation by 10% instead.

 0387A4

 0387A4

FFFFFF

 006E8A

 5ABCDB

 005570

 79D8F8

 003E58


 96F5FF

 002740

 B4FFFF

 000F2A

 D2FFFF

 000115

 F0FFFF

 000000

 0387A4

 0387A4

 0086A4

 138AA4

■ 248DA4

■ 3490A4

■ 4593A4

■ 5596A4

■ 6599A4

■ 769CA4

■ 869FA4

■ 97A2A4

Harmonies

Analogous

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



008A8D



0387A4



4481B0

Triad

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



0387A4



AA6885



7B8049

Complementary

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



0387A4



A42003

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.



957747



0387A4



B0676A

Square

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



0387A4



956E9E



A86E54



5C8659

Rectangle

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



0387A4



647BB0



A86E54



847D46

Sweetspot

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



0387A4



98CBD6



03A41E



46646B



EBEBEB



6B6B6B

Same Dimension

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



0387A4



00B0D6



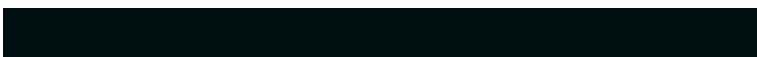
0339A4



495052



007791



000F12

Inverse Universe

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



A40387



D600B0



A46E03



524950



910077



12000F

Previews

White Background



This preview shows how the Hex color 0387A4 looks on a white background.

Color Contrast Check

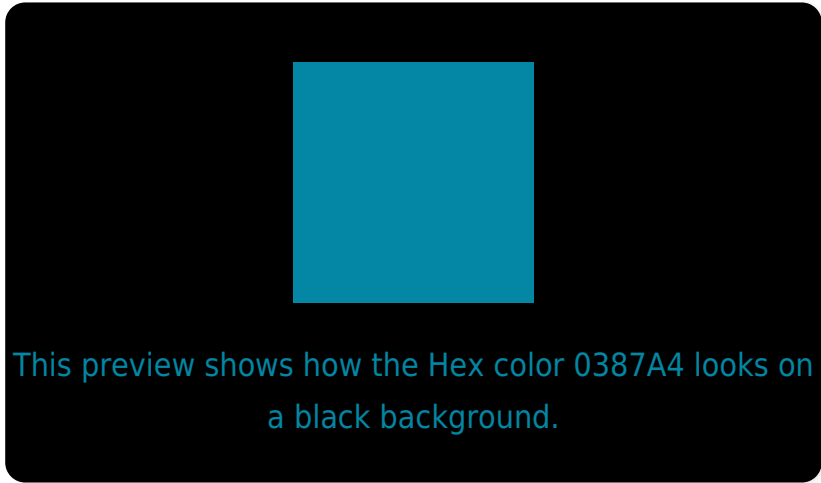
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

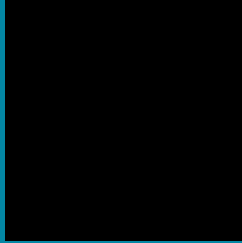
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0387A4 Background



This preview shows how black text looks on a background with the Hex color 0387A4.

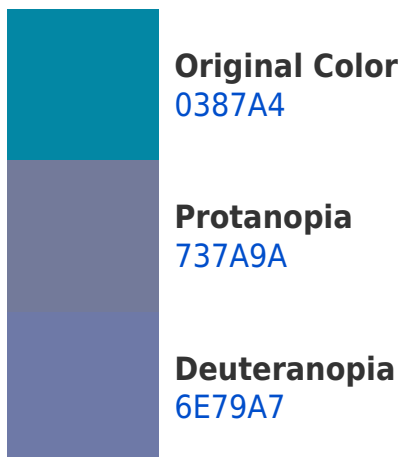


This preview shows how white text looks on a background with the Hex color 0387A4.

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
008994

Trichromacy



Original Color
0387A4



Protanomaly
4A7F9E



Deuteranomaly
477EA6



Tritanomaly
01889A

Monochromacy



Original Color
0387A4



Achromatopsia
636363



Achromatomaly
40707B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0387A4 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 #0387A4 looks like.

```
.text, #text, p{  
    color:#0387A4  
}
```

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 #0387A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0387A4
}
```

Border

The CSS property to change the border of an element to Hex 0387A4 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
#0387A4 }
```

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

```
.border{ border-color:#0387A4 }
```

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

Here you see how a box with a 4 pixel #0387A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0387A4; -webkit-box-shadow:4px 4px  
4px 4px #0387A4; box-shadow:4px 4px 4px  
4px #0387A4 }
```

Background

The CSS property to change the background color of an element to Hex 0387A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0387A4 }
```

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

```
.background{ background-color:#0387A4 }
```

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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