

Converting Colors

Hex(386987)

Have a look what the booklet for
Hex(386987) contains.

Hex(386987)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(386987)

Conversions

Conversions Part 1

Format	Color
Hex	386987
RGB	56, 105, 135
RGB Percent	22%, 41%, 53%
CMY	0.7804, 0.5882, 0.4706
CMYK	0.59, 0.22, 0.00, 0.47
HSL	203°, 41%, 37%
HSV	203°, 59%, 53%
XYZ	11.0556, 12.6932, 24.7890
YIQ	93.7690, -38.8340, -1.0580

Conversions

Conversions Part 2

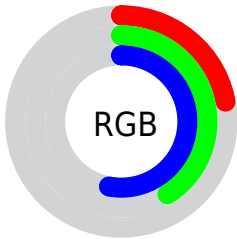
Format	Color
RYB	56, 86, 135
Decimal	3697031
CIELab	42.30, -7.21, -21.61
CIELCh	42, 22.781, 251.552
Yxy	12.6932, 0.2278, 0.2615
Android (android.graphics.Color)	4281887111 (0xFF386987)
YUV	93.7690, 20.3269, -33.1234
Hunter-Lab	35.6275, -6.9574, -16.3138

Details

The Hex color **386987** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **875638**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **6D9CBC**, and **003A55** is the 20% darker color. If you saturate the color by 10%, you get **2B6487**, and if you desaturate by 10%, it is **466E87**.

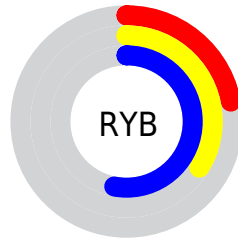
Distribution



Red (22%)

Green (41%)

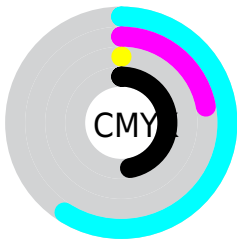
Blue (53%)



Red (22%)

Yellow (34%)

Blue (53%)

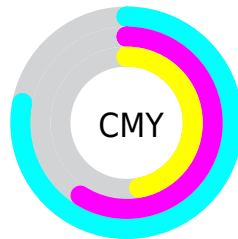


Cyan (59%)

Magenta (22%)

Yellow (0%)

Black (47%)



Cyan (78%)

Magenta (59%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 386987 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 386987 by changing the saturation by 10% instead.



386987



386987

FFFFFF



1B516E



6D9CBC



003A55



88B7D8



00243E



A4D3F5



001028



C0EFFF



000112



DDFFFF



000000



FAFFFF



386987



386987



2B6487



466E87

■ 1D5F87

■ 537387

■ 105A87

■ 617887

■ 025487

■ 6E7E87

■ 005487

■ 7C8387

■ 898887

■ 978D87

■ A49287

■ B29787

Harmonies

Analogous

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



236D7C



386987



556388

Triad

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



386987



89565D



556A47

Complementary

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



386987



875638

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.



69653F



386987



86594C

Square

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



386987



815770



7B5F41



3E6D57

Rectangle

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



386987



685F84



7B5F41



5C6943

Sweetspot

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



386987



90A4B0



388755



465259



D9D9D9



595959

Same Dimension

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



386987



3581B0



384387



3C4042



005182



000203

Inverse Universe

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



873869



B03581



877C38



423C40



820051



030002

Previews

White Background



This preview shows how the Hex color 386987 looks on a white background.

Color Contrast Check

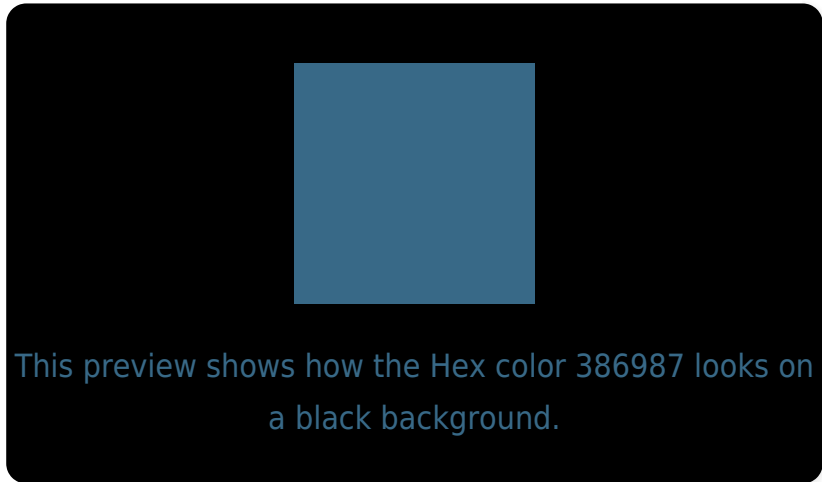
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

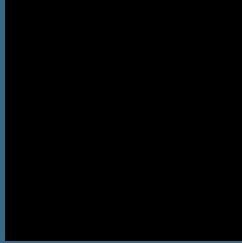
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

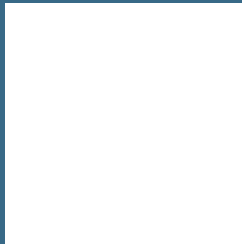
Any Text WCAG AAA × Fail

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

Hex 386987 Background



This preview shows how black text looks on a background with the Hex color 386987.

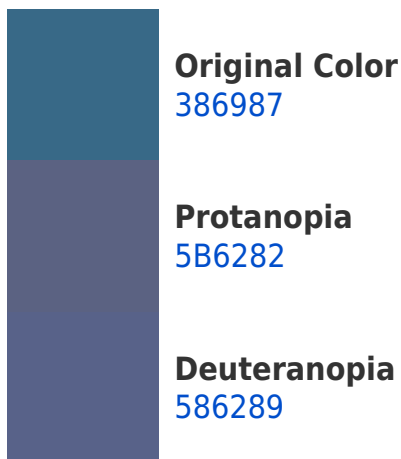


This preview shows how white text looks on a background with the Hex color 386987.

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](#).

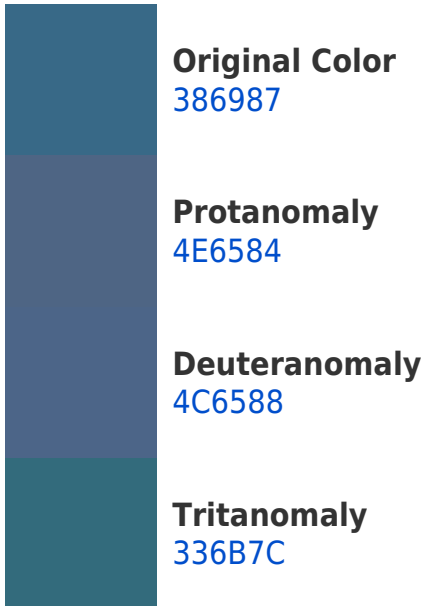
Dichromacy



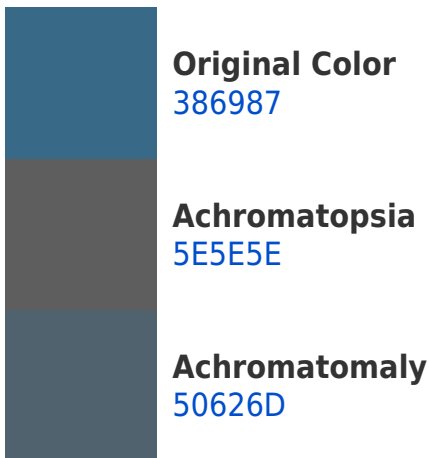


Tritanopia
306C75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 386987 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 #386987 looks like.

```
.text, #text, p{  
    color:#386987  
}
```

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 #386987 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #386987
}
```

Border

The CSS property to change the border of an element to Hex 386987 is called "border". The border property can be set on classes, ids or directly on the HTML element.

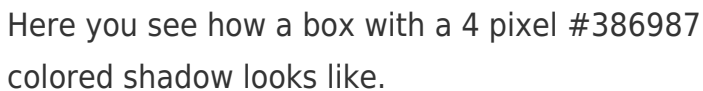
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#386987 }
```

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

```
.border{ border-color:#386987 }
```

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



Here you see how a box with a 4 pixel #386987 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #386987; -webkit-box-shadow:4px 4px  
4px 4px #386987; box-shadow:4px 4px 4px  
4px #386987 }
```

Background

The CSS property to change the background color of an element to Hex 386987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#386987 }
```

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

```
.background{ background-color:#386987 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor