

Converting Colors

Hex(246990)

Have a look what the booklet for
Hex(246990) contains.

Hex(246990)	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(246990)

Conversions

Conversions Part 1

Format	Color
Hex	246990
RGB	36, 105, 144
RGB Percent	14%, 41%, 56%
CMY	0.8588, 0.5882, 0.4353
CMYK	0.75, 0.27, 0.00, 0.44
HSL	202°, 60%, 35%
HSV	202°, 75%, 56%
XYZ	10.8132, 12.4918, 28.2268
YIQ	88.8150, -53.6430, -2.4990

Conversions

Conversions Part 2

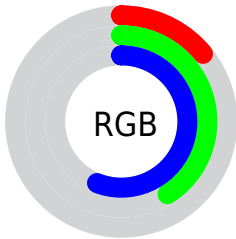
Format	Color
R_{YB}	36, 78, 144
Decimal	2386320
CIE _{Lab}	41.99, -7.67, -27.55
CIE _{LCh}	42, 28.595, 254.440
Yxy	12.4918, 0.2098, 0.2424
Android (android.graphics.Color)	4280576400 (0xFF246990)
YUV	88.8150, 27.2062, -46.3188
Hunter-Lab	35.3438, -7.2409, -22.6104

Details

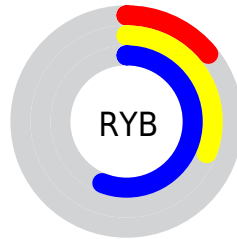
The Hex color **246990** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **904B24**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **609CC6**, and **003A5D** is the 20% darker color. If you saturate the color by 10%, you get **166490**, and if you desaturate by 10%, it is **326E90**.

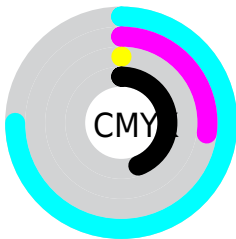
Distribution



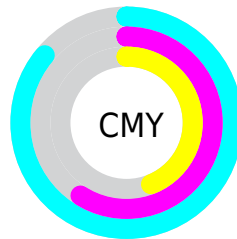
- Red (14%)
- Green (41%)
- Blue (56%)



- Red (14%)
- Yellow (31%)
- Blue (56%)



- Cyan (75%)
- Magenta (27%)
- Yellow (0%)
- Black (44%)



- Cyan (86%)
- Magenta (59%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 246990 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 246990 by changing the saturation by 10% instead.

■ 246990

■ 246990

FFFFFF

■ 005176

■ 609CC6

■ 003A5D

■ 7CB7E2

■ 002546

■ 98D3FF

■ 00102F

■ B5EFFF

■ 00011A

■ D2FFFF

■ 000000

■ EFFFFFF

■ 246990

■ 246990

■ 166490

■ 326E90

075F90

417390

005C90

4F7990

5E7E90

6C8390

7A8890

898D90

979390

A69890

Harmonies

Analogous

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



006E83



246990



526291

Triad

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



246990



905058



4D6B41

Complementary

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



246990



904B24

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.



676534



246990



8C5543

Square

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



246990



895270



7D5D36



2C6F56

Rectangle

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



246990



6A5C8A



7D5D36



566A3B

Sweetspot

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



246990



8FABBA



24904A



44555E



DEDEDE



5E5E5E

Same Dimension

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



246990



137EBA



243490



404547



005687



000508

Inverse Universe

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



902469



BA137E



908024



474045



870056



080005

Previews

White Background



This preview shows how the Hex color 246990 looks on a white background.

Color Contrast Check

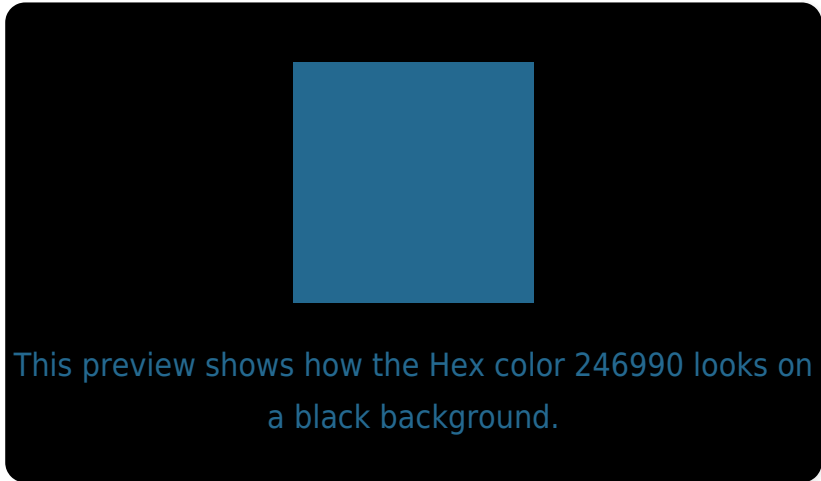
Large Text (above 18pt) WCAG AA ✓ Pass

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 246990 Background



This preview shows how black text looks on a background with the Hex color 246990.

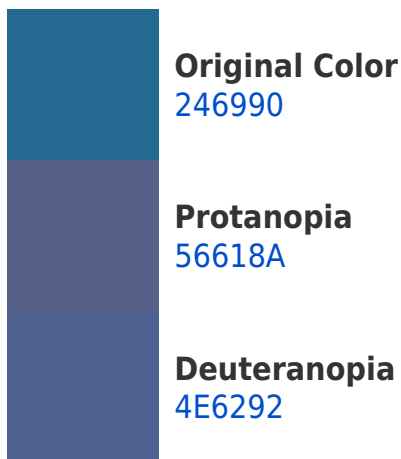


This preview shows how white text looks on a background with the Hex color 246990.

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](#).

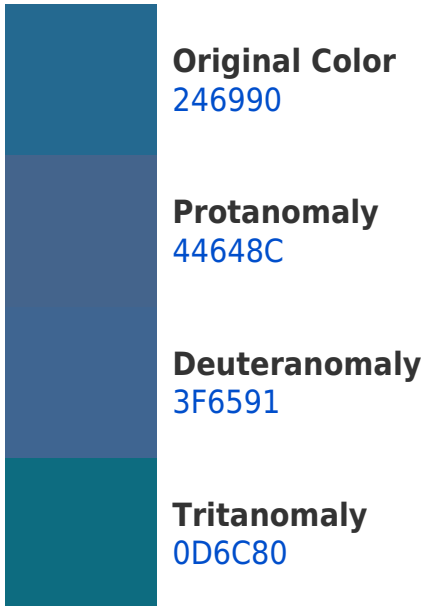
Dichromacy



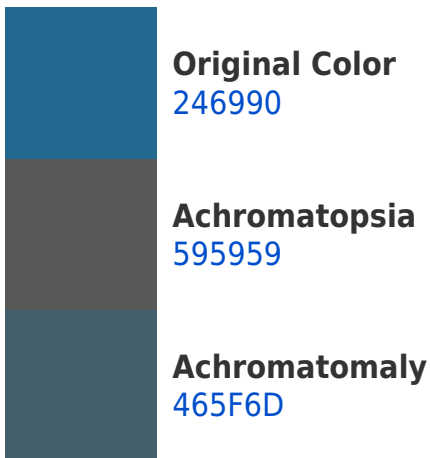


Tritanopia
006E77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 246990 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 #246990 looks like.

```
.text, #text, p{  
    color:#246990  
}
```

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 #246990 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #246990
}
```

Border

The CSS property to change the border of an element to Hex 246990 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
#246990 }
```

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

```
.border{ border-color:#246990 }
```

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

Here you see how a box with a 4 pixel #246990 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #246990; -webkit-box-shadow:4px 4px  
4px 4px #246990; box-shadow:4px 4px 4px  
4px #246990 }
```

Background

The CSS property to change the background color of an element to Hex 246990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#246990 }
```

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

```
.background{ background-color:#246990 }
```

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