

# Converting Colors

Hex(246190)

Have a look what the booklet for  
Hex(246190) contains.

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# Color

**Hex(246190)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	246190
RGB	36, 97, 144
RGB Percent	14%, 38%, 56%
CMY	0.8588, 0.6196, 0.4353
CMYK	0.75, 0.33, 0.00, 0.44
HSL	206°, 60%, 35%
HSV	206°, 75%, 56%
XYZ	10.0363, 10.9381, 27.9678
YIQ	84.1190, -51.4430, 1.6850

# Conversions

## Conversions Part 2

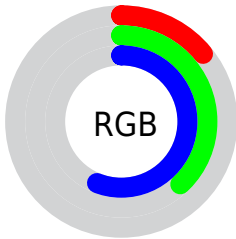
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 75, 144
Decimal	2384272
CIELab	39.48, -2.79, -31.49
CIELCh	39, 31.610, 264.931
Yxy	10.9381, 0.2051, 0.2235
Android (android.graphics.Color)	4280574352 (0xFF246190)
YUV	84.1190, 29.5213, -42.2004
Hunter-Lab	33.0728, -3.7095, -26.9874

# Details

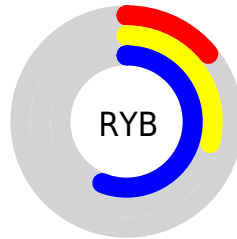
The Hex color **246190** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **905324**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6093C6**, and **00335D** is the 20% darker color. If you saturate the color by 10%, you get **165B90**, and if you desaturate by 10%, it is **326790**.

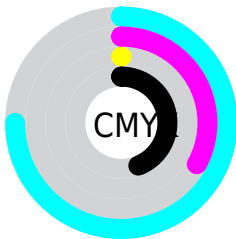
# Distribution



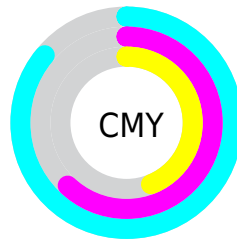
- Red (14%)
- Green (38%)
- Blue (56%)



- Red (14%)
- Yellow (29%)
- Blue (56%)



- Cyan (75%)
- Magenta (33%)
- Yellow (0%)
- Black (44%)



- Cyan (86%)
- Magenta (62%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 246190 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 246190 by changing the saturation by 10% instead.



■ 246190

■ 246190

FFFFFF

■ 004976

■ 6093C6

■ 00335D

■ 7CAEE2

■ 001E45

■ 98C9FF

■ 00042F

■ B4E5FF

■ 000119

■ D1FFFF

■ 000000

■ EFFFFFF

■ 246190

■ 246190

■ 165B90

■ 326790

■ 075490

■ 416E90

■ 005190

■ 4F7490

■ 5E7A90

■ 6C8090

■ 7A8790

■ 898D90

■ 979390

■ A69990

# Harmonies

## Analogous

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



006787



246190



58588C

# Triad

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



246190



8D4949



38673E

# Complementary

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



246190



905324

# 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.



57622D



246190



835134

# Square

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



246190



8A4862



705A28



006A58

# Rectangle

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



246190



705182



705A28



436637



# Sweetspot

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



246190



8FA8BA



249053



44535E



DEDEDE



5E5E5E



# Same Dimension

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



246190



1371BA



242B90



404447



004C87



000408



# Inverse Universe

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



902461



BA1371



908924



474044



87004C



080004



# Previews

## White Background



This preview shows how the Hex color 246190 looks on a white background.

## Color Contrast Check

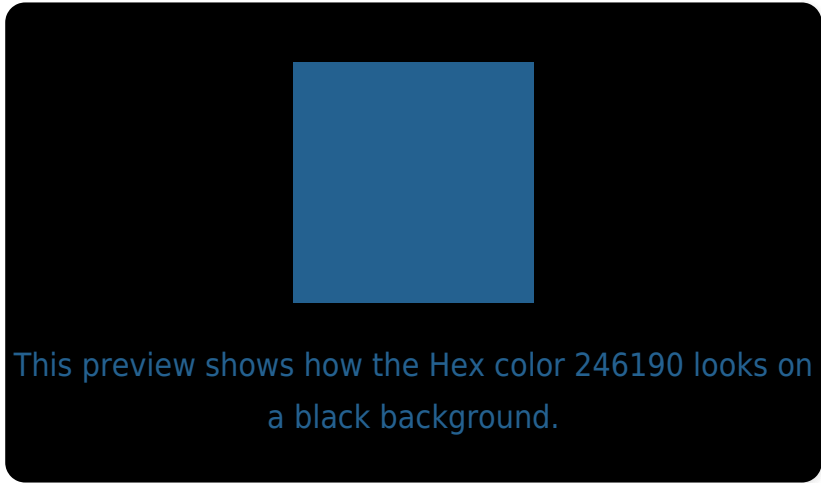
Large Text (above 18pt) WCAG AA ✓ Pass

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

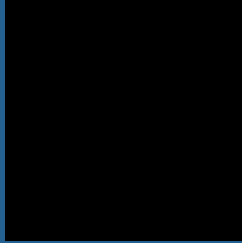
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 246190 Background



This preview shows how black text looks on a background with the Hex color 246190.

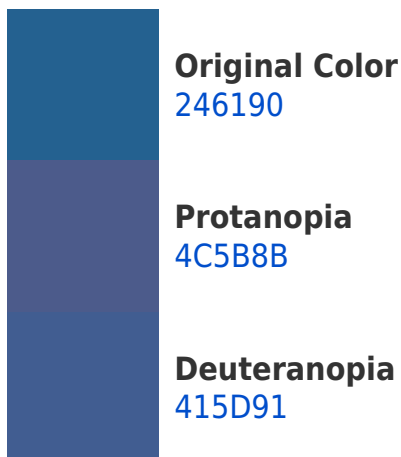


This preview shows how white text looks on a background with the Hex color 246190.

# 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](#).

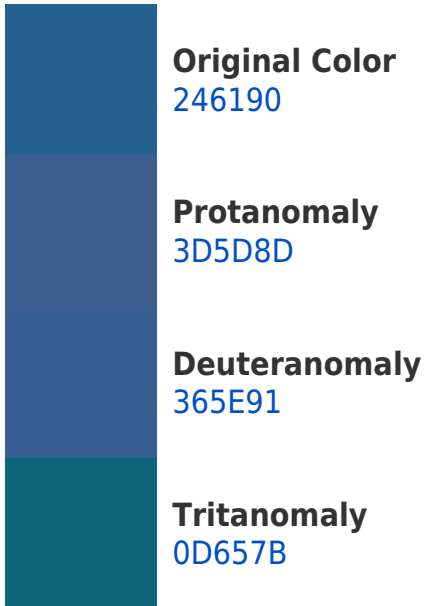
## Dichromacy



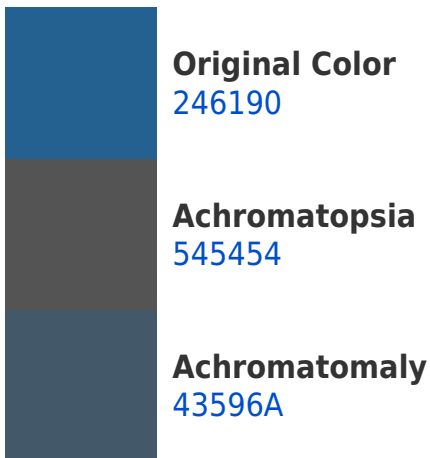


**Tritanopia**  
00676F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 246190 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 #246190 looks like.

```
.text, #text, p{  
    color:#246190  
}
```

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 #246190 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #246190
}
```

## Border

The CSS property to change the border of an element to Hex 246190 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
#246190 }
```

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

```
.border{ border-color:#246190 }
```

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

Here you see how a box with a 4 pixel #246190 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #246190; -webkit-box-shadow:4px 4px  
4px 4px #246190; box-shadow:4px 4px 4px  
4px #246190 }
```

# Background

The CSS property to change the background color of an element to Hex 246190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#246190 }
```

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

```
.background{ background-color:#246190 }
```

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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