

# Converting Colors

Hex(246097)

Have a look what the booklet for  
Hex(246097) contains.

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# Color

**Hex(246097)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	246097
RGB	36, 96, 151
RGB Percent	14%, 38%, 59%
CMY	0.8588, 0.6235, 0.4078
CMYK	0.76, 0.36, 0.00, 0.41
HSL	209°, 61%, 37%
HSV	209°, 76%, 59%
XYZ	10.4963, 10.9752, 30.8434
YIQ	84.3300, -53.4150, 4.3850

# Conversions

## Conversions Part 2

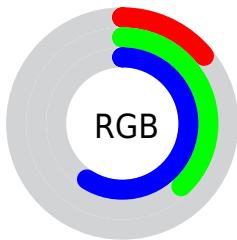
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	36, 75, 151
Decimal	2384023
CIE <sub>Lab</sub>	39.54, 0.49, -35.59
CIE <sub>LCh</sub>	40, 35.597, 270.796
Yxy	10.9752, 0.2006, 0.2098
Android (android.graphics.Color)	4280574103 (0xFF246097)
YUV	84.3300, 32.8683, -42.3854
Hunter-Lab	33.1288, -1.4205, -32.0096

# Details

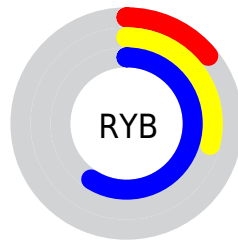
The Hex color **246097** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **975B24**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6192CE**, and **003264** is the 20% darker color. If you saturate the color by 10%, you get **155997**, and if you desaturate by 10%, it is **336797**.

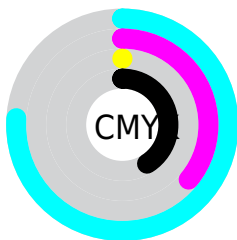
# Distribution



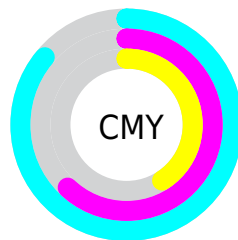
- Red (14%)
- Green (38%)
- Blue (59%)



- Red (14%)
- Yellow (29%)
- Blue (59%)



- Cyan (76%)
- Magenta (36%)
- Yellow (0%)
- Black (41%)



- Cyan (86%)
- Magenta (62%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 246097 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 246097 by changing the saturation by 10% instead.



■ 246097

■ 246097

FFFFFF

■ 00497D

■ 6192CE

■ 003264

■ 7EADEA

■ 001E4B

■ 9AC8FF

■ 000534

■ B7E4FF

■ 00021E

■ D4FFFF

■ 000001

■ F1FFFF

■ 000000

■ 246097

■ 246097

■ 155997

■ 336797

065297

426E97

004F97

517697

607D97

708497

7F8B97

8E9397

9D9A97

ACA197

# Harmonies

## Analogous

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



00678F



246097



60558F

# Triad

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



246097



914741



286940

# Complementary

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



246097



975B24

# 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.



4F6429



246097



84512B

# Square

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



246097



91445E



6D5C20



006C5D

# Rectangle

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



246097



784D82



6D5C20



376837



# Sweetspot

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



246097



97AFC4



24975A



485663



E3E3E3



636363



# Same Dimension

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



246097



126FC4



242897



45494D



00498C



00070D



# Inverse Universe

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



972460



C4126F



979324



4D4549



8C0049



0D0007



# Previews

## White Background



This preview shows how the Hex color 246097 looks on a white background.

## Color Contrast Check

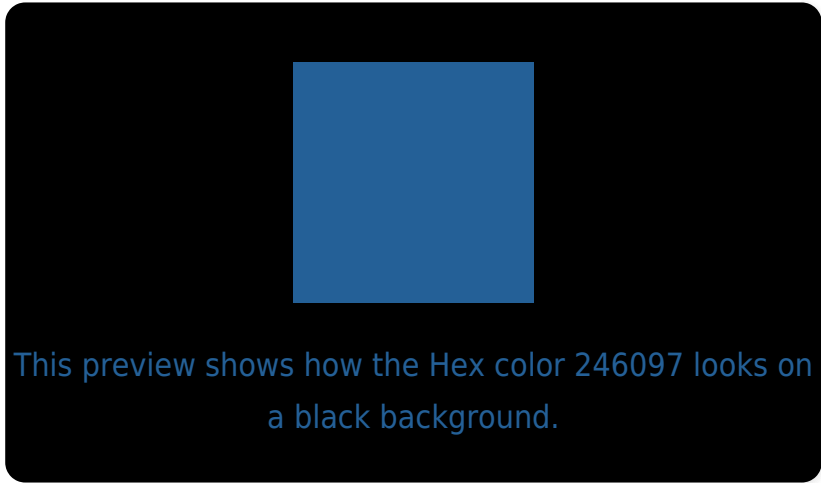
Large Text (above 18pt) WCAG AA ✓ Pass

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

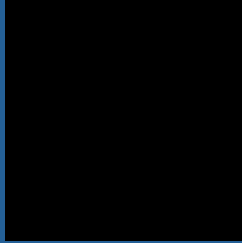
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 246097 Background



This preview shows how black text looks on a background with the Hex color 246097.



This preview shows how white text looks on a background with the Hex color 246097.

# 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](#).

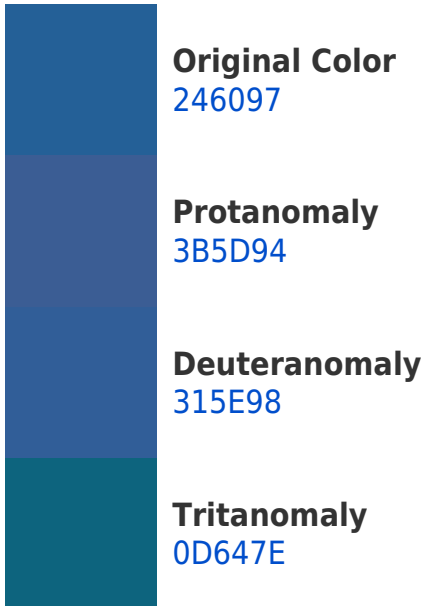
## Dichromacy





**Tritanopia**  
00676F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 246097 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 #246097 looks like.

```
.text, #text, p{  
    color:#246097  
}
```

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 #246097 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #246097
}
```

## Border

The CSS property to change the border of an element to Hex 246097 is called "border". The border property can be set on classes, ids or directly on the HTML element.

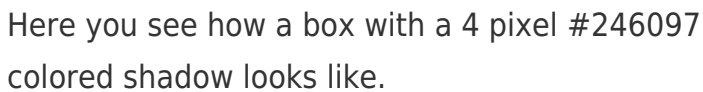
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#246097 }
```

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

```
.border{ border-color:#246097 }
```

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



Here you see how a box with a 4 pixel #246097 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #246097; -webkit-box-shadow:4px 4px  
4px 4px #246097; box-shadow:4px 4px 4px  
4px #246097 }
```

# Background

The CSS property to change the background color of an element to Hex 246097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#246097 }
```

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

```
.background{ background-color:#246097 }
```

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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