

Converting Colors

Hex(239097)

Have a look what the booklet for
Hex(239097) contains.

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Color

Hex(239097)

Conversions

Conversions Part 1

Format	Color
Hex	239097
RGB	35, 144, 151
RGB Percent	14%, 56%, 59%
CMY	0.8627, 0.4353, 0.4078
CMYK	0.77, 0.05, 0.00, 0.41
HSL	184°, 62%, 36%
HSV	184°, 77%, 59%
XYZ	16.2523, 22.5382, 32.7719
YIQ	112.2070, -67.2110, -20.9310

Conversions

Conversions Part 2

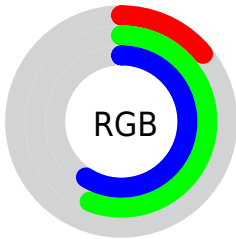
Format	Color
RYB	35, 91, 151
Decimal	2330775
CIELab	54.59, -26.76, -12.32
CIElCh	55, 29.461, 204.719
Yxy	22.5382, 0.2271, 0.3149
Android (android.graphics.Color)	4280520855 (0xFF239097)
YUV	112.2070, 19.1249, -67.7105
Hunter-Lab	47.4744, -21.9729, -7.6961

Details

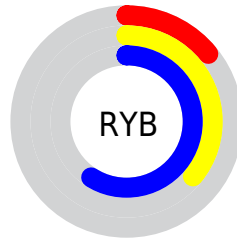
The Hex color **239097** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **972A23**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **64C6CD**, and **005D64** is the 20% darker color. If you saturate the color by 10%, you get **148F97**, and if you desaturate by 10%, it is **329197**.

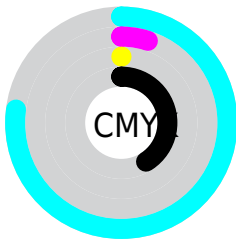
Distribution



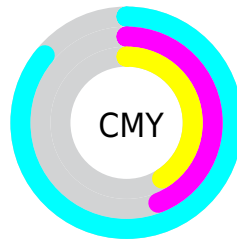
- Red (14%)
- Green (56%)
- Blue (59%)



- Red (14%)
- Yellow (36%)
- Blue (59%)



- Cyan (77%)
- Magenta (5%)
- Yellow (0%)
- Black (41%)



- Cyan (86%)
- Magenta (44%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 239097 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 239097 by changing the saturation by 10% instead.

 239097

 239097

FFFFFF

 00767D

 64C6CD

 005D64

 82E2E9

 00454C

 9FFFFFFF

 002E36

 BCFFFF

 001A20

 D9FFFF

 000007

 F7FFFF

 000000

 239097

 239097

 148F97

 329197

■ 058E97

■ 419297

■ 008E97

■ 509397

■ 5F9497

■ 6E9597

■ 7E9597

■ 8D9697

■ 9C9797

■ AB9897

Harmonies

Analogous

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



40907D



239097



2E8DAB

Triad

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



239097



9F75A0



988050

Complementary

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



239097



972A23

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.



AB775A



239097



B16F88

Square

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



239097



7F7EB1



B4706F



7E8854

Rectangle

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



239097



4989B3



B4706F



9F7D52

Sweetspot

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



239097



97C2C4



239729



486263



E3E3E3



636363

Same Dimension

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



239097



10B9C4



235797



454C4D



00848C



000C0D

Inverse Universe

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



972390



C410B9



976323



4D454C



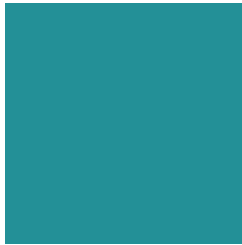
8C0084



0D000C

Previews

White Background



This preview shows how the Hex color 239097 looks on a white background.

Color Contrast Check

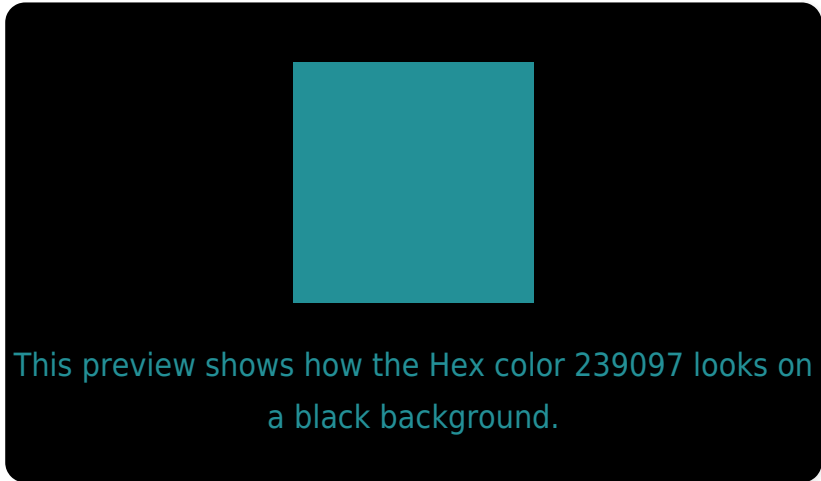
Large Text (above 18pt) WCAG AA ✓ Pass

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

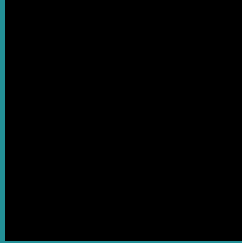
Any Text WCAG AA ✓ Pass

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 239097 Background



This preview shows how black text looks on a background with the Hex color 239097.

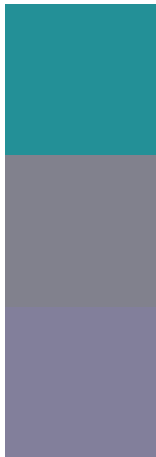


This preview shows how white text looks on a background with the Hex color 239097.

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



Original Color
239097

Protanopia
81818D

Deuteranopia
827F9B



Tritanopia
268F9B

Trichromacy



Original Color
239097



Protanomaly
5F8691



Deuteranomaly
5F859A



Tritanomaly
258F9A

Monochromacy



Original Color
239097



Achromatopsia
707070



Achromatomaly
547C7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 239097 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 #239097 looks like.

```
.text, #text, p{  
    color:#239097  
}
```

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 #239097 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #239097
}
```

Border

The CSS property to change the border of an element to Hex 239097 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
#239097 }
```

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

```
.border{ border-color:#239097 }
```

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

Here you see how a box with a 4 pixel #239097 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #239097; -webkit-box-shadow:4px 4px  
4px 4px #239097; box-shadow:4px 4px 4px  
4px #239097 }
```

Background

The CSS property to change the background color of an element to Hex 239097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#239097 }
```

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

```
.background{ background-color:#239097 }
```

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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