

# Converting Colors

Hex(237188)

Have a look what the booklet for  
Hex(237188) contains.

<b>Hex(237188)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(237188)

# Conversions

## Conversions Part 1

Format	Color
Hex	237188
RGB	35, 113, 136
RGB Percent	14%, 44%, 53%
CMY	0.8627, 0.5569, 0.4667
CMYK	0.74, 0.17, 0.00, 0.47
HSL	194°, 59%, 34%
HSV	194°, 74%, 53%
XYZ	11.0422, 13.9452, 25.4023
YIQ	92.3000, -53.8710, -9.3830

# Conversions

## Conversions Part 2

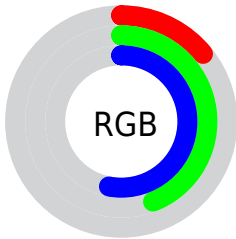
<b>Format</b>	<b>Color</b>
<b>RYB</b>	35, 79, 136
Decimal	2322824
CIELab	44.15, -15.31, -19.41
CIELCh	44, 24.720, 231.728
Yxy	13.9452, 0.2191, 0.2767
Android (android.graphics.Color)	4280512904 (0xFF237188)
YUV	92.3000, 21.5441, -50.2521
Hunter-Lab	37.3432, -12.5691, -14.1910

# Details

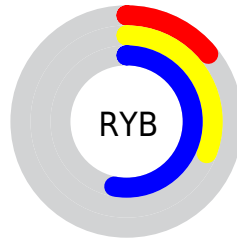
The Hex color **237188** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **883A23**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **5FA5BD**, and **004156** is the 20% darker color. If you saturate the color by 10%, you get **156E88**, and if you desaturate by 10%, it is **317488**.

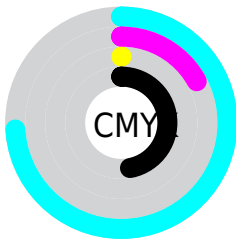
# Distribution



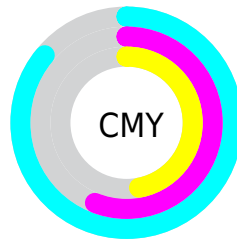
- Red (14%)
- Green (44%)
- Blue (53%)



- Red (14%)
- Yellow (31%)
- Blue (53%)



- Cyan (74%)
- Magenta (17%)
- Yellow (0%)
- Black (47%)



- Cyan (86%)
- Magenta (56%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 237188 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 237188 by changing the saturation by 10% instead.



■ 237188

■ 237188

FFFFFF

■ 00586F

■ 5FA5BD

■ 004156

■ 7BC0D9

■ 002B3F

■ 97DCF6

■ 001829

■ B3F9FF

■ 000114

■ D0FFFF

■ 000000

■ EDFFFF

■ 237188

■ 237188

■ 156E88

■ 317488

086B88

3E7788

006988

4C7A88

597D88

678088

758488

828788

908A88

9D8D88

# Harmonies

## Analogous

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



1E7377



237188



426C91

# Triad

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



237188



8D596F



676C42

# Complementary

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



237188



883A23

# 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.



7B6540



237188



91595A

# Square

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



237188



7D5E82



8A5E49



4F714E

# Rectangle

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



237188



586890



8A5E49



6E6A40



# Sweetspot

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



237188



89A7B0



238839



425459



D9D9D9



595959



# Same Dimension

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



237188



138CB0



234088



3E4345



006685



000405



# Inverse Universe

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



882371



B0138C



886B23



453E43



850066

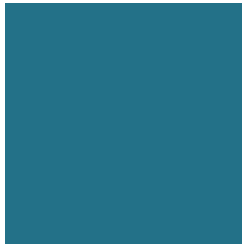


050004



# Previews

## White Background



This preview shows how the Hex color 237188 looks on a white background.

## Color Contrast Check

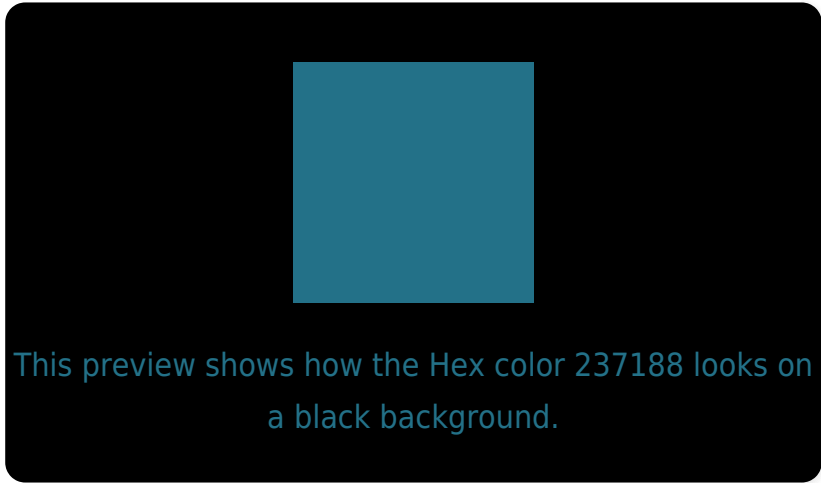
Large Text (above 18pt) WCAG AA ✓ Pass

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

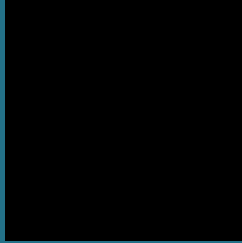
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

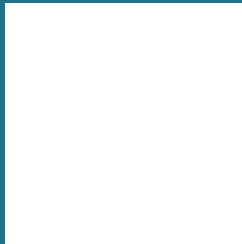
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 237188 Background



This preview shows how black text looks on a background with the Hex color 237188.

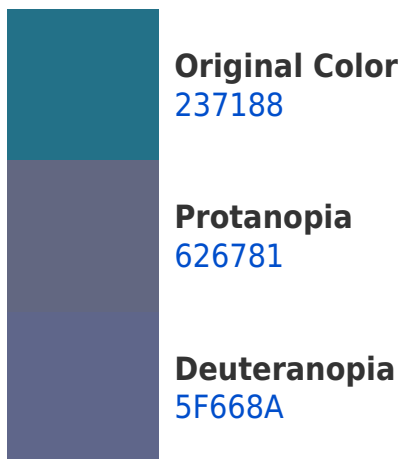



This preview shows how white text looks on a background with the Hex color 237188.

# 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](#).

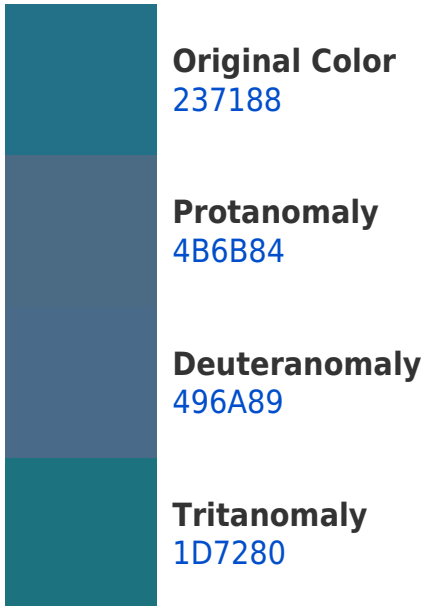
## Dichromacy



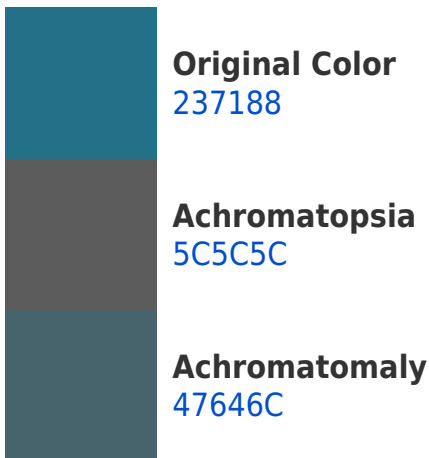


**Tritanopia**  
19737C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 237188 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 #237188 looks like.

```
.text, #text, p{  
    color:#237188  
}
```

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 #237188 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #237188
}
```

## Border

The CSS property to change the border of an element to Hex 237188 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
#237188 }
```

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

```
.border{ border-color:#237188 }
```

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

Here you see how a box with a 4 pixel #237188 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #237188; -webkit-box-shadow:4px 4px  
4px 4px #237188; box-shadow:4px 4px 4px  
4px #237188 }
```

# Background

The CSS property to change the background color of an element to Hex 237188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#237188 }
```

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

```
.background{ background-color:#237188 }
```

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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