

Converting Colors

Hex(238189)

Have a look what the booklet for
Hex(238189) contains.

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Color

Hex(238189)

Conversions

Conversions Part 1

Format	Color
Hex	238189
RGB	35, 129, 137
RGB Percent	14%, 51%, 54%
CMY	0.8627, 0.4941, 0.4627
CMYK	0.74, 0.06, 0.00, 0.46
HSL	185°, 59%, 34%
HSV	185°, 74%, 54%
XYZ	13.0588, 17.8640, 26.4267
YIQ	101.8060, -58.5920, -17.4400

Conversions

Conversions Part 2

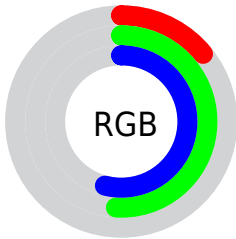
Format	Color
RYB	35, 84, 137
Decimal	2326921
CIELab	49.33, -23.60, -12.12
CIELCh	49, 26.524, 207.180
Yxy	17.8640, 0.2277, 0.3115
Android (android.graphics.Color)	4280517001 (0xFF238189)
YUV	101.8060, 17.3506, -58.5889
Hunter-Lab	42.2658, -18.8145, -7.4851

Details

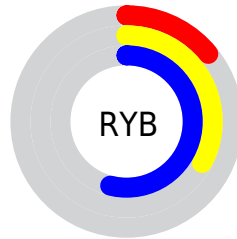
The Hex color **238189** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **892B23**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **61B6BE**, and **004F57** is the 20% darker color. If you saturate the color by 10%, you get **158089**, and if you desaturate by 10%, it is **318289**.

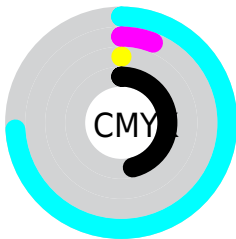
Distribution



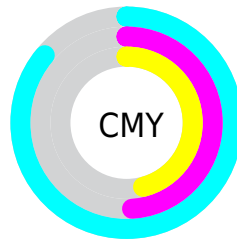
- Red (14%)
- Green (51%)
- Blue (54%)



- Red (14%)
- Yellow (33%)
- Blue (54%)



- Cyan (74%)
- Magenta (6%)
- Yellow (0%)
- Black (46%)



- Cyan (86%)
- Magenta (49%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 238189 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 238189 by changing the saturation by 10% instead.

 238189

 238189

FFFFFF

 006870

 61B6BE

 004F57

 7DD2DA

 003840

 99EEF7

 00232A

 B6FFFF

 000116

 D3FFFF

 000000

 F1FFFF

 238189

 238189

 158089

 318289

087F89

3E8389

007E89

4C8489

5A8589

688689

758789

838989

918A89

9E8B89

Harmonies

Analogous

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



398172



238189



2F7E9A

Triad

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



238189



90698E



867348

Complementary

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



238189



892B23

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.



986B50



238189



9F6478

Square

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



238189



75709D



A16562



6F7A4D

Rectangle

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



238189



467AA1



A16562



8D714A

Sweetspot

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



238189



8BAFB3



23892A



425759



D9D9D9



595959

Same Dimension

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



238189



14A6B3



234F89



3E4445



007A85



000505

Inverse Universe

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



892381



B314A6



895D23



453E44



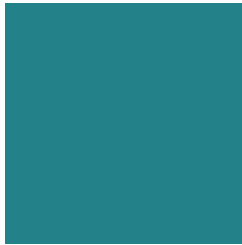
85007A



050005

Previews

White Background



This preview shows how the Hex color 238189 looks on a white background.

Color Contrast Check

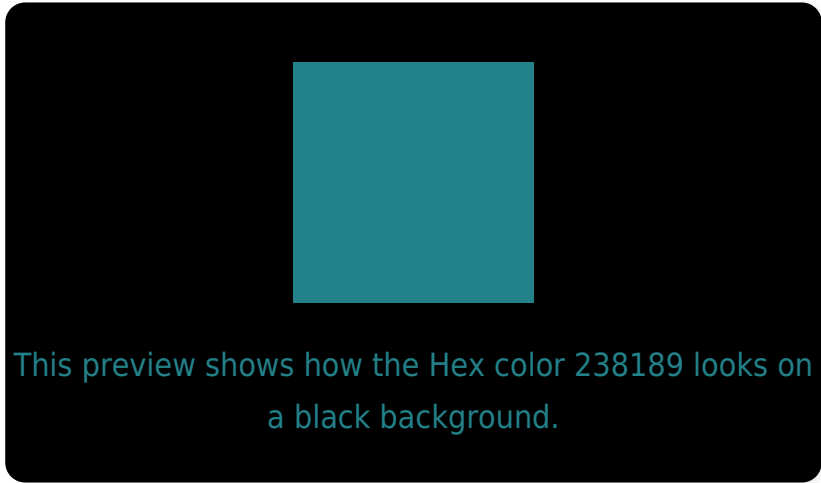
Large Text (above 18pt) WCAG AA ✓ Pass

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

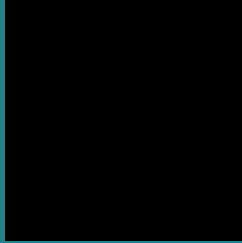
Any Text WCAG AA ✓ Pass

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 238189 Background



This preview shows how black text looks on a background with the Hex color 238189.

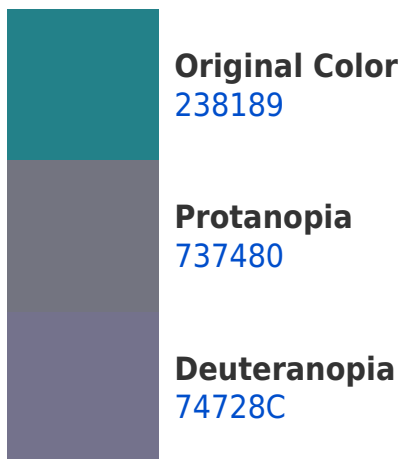


This preview shows how white text looks on a background with the Hex color 238189.

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
25818B

Trichromacy



Original Color
238189

Protanomaly
567983

Deuteranomaly
57778B

Tritanomaly
24818A

Monochromacy



Original Color
238189

Achromatopsia
666666

Achromatomaly
4E7073

CSS Examples

Text

The CSS property to change the color of the text to Hex 238189 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 #238189 looks like.

```
.text, #text, p{  
    color:#238189  
}
```

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 #238189 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #238189
}
```

Border

The CSS property to change the border of an element to Hex 238189 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
#238189 }
```

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

```
.border{ border-color:#238189 }
```

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

Here you see how a box with a 4 pixel #238189 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #238189; -webkit-box-shadow:4px 4px  
4px 4px #238189; box-shadow:4px 4px 4px  
4px #238189 }
```

Background

The CSS property to change the background color of an element to Hex 238189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#238189 }
```

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

```
.background{ background-color:#238189 }
```

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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