

Converting Colors

Hex(238577)

Have a look what the booklet for
Hex(238577) contains.

Hex(238577)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(238577)

Conversions

Conversions Part 1

Format	Color
Hex	238577
RGB	35, 133, 119
RGB Percent	14%, 52%, 47%
CMY	0.8627, 0.4784, 0.5333
CMYK	0.74, 0.00, 0.11, 0.48
HSL	171°, 58%, 33%
HSV	171°, 74%, 52%
XYZ	12.4104, 18.4643, 20.3626
YIQ	102.1020, -53.9140, -25.1300

Conversions

Conversions Part 2

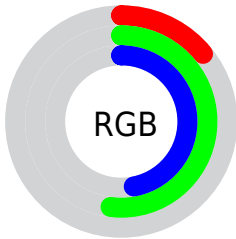
Format	Color
R_{YB}	35, 88, 133
Decimal	2327927
CIE _{Lab}	50.05, -31.06, -0.49
CIE _{LCh}	50, 31.061, 180.895
Yxy	18.4643, 0.2422, 0.3604
Android (android.graphics.Color)	4280518007 (0xFF238577)
YUV	102.1020, 8.3307, -58.8485
Hunter-Lab	42.9701, -23.6441, 1.9828




Details

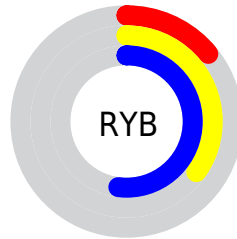
The Hex color **238577** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **852331**, and the grayscale version is **666666**.




A 20% lighter version of the original color is **60BBAB**, and **005347** is the 20% darker color. If you saturate the color by 10%, you get **168575**, and if you desaturate by 10%, it is **308579**.

Distribution







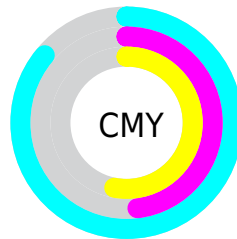
-  Red (14%)
-  Green (52%)
-  Blue (47%)






-  Red (14%)
-  Yellow (35%)
-  Blue (52%)



-  Cyan (74%)
-  Magenta (0%)
-  Yellow (11%)
-  Black (48%)



-  Cyan (86%)
-  Magenta (48%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 238577 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 238577 by changing the saturation by 10% instead.

 238577

 238577

FFFFFF

 006B5E

 60BBAB

 005347

 7CD7C6

 003B30

 98F3E2

 00251C

 B4FFFF

 000001

 D1FFFF

 000000

 EFFFFFF

 238577

 238577

 168575

 308579

088573

3E857B

008572

4B857D

58857F

668581

738582

808584

8D8586

9B8588

Harmonies

Analogous

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



4C835C



238577



008491

Triad

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



238577



7B70A4



9D6D4A

Complementary

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



238577



852331

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.



A9655D



238577



996791

Square

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



238577



5079AC



A86277



877642

Rectangle

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



238577



00829F



A86277



A26A4F

Sweetspot

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



238577



87ADA8



328523



405753



D6D6D6



575757

Same Dimension

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



238577



15AD98



236385



3C4241



00826F



000302

Inverse Universe

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



852331



AD152B



854523



423C3D



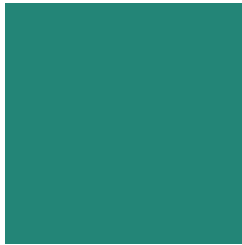
820013



030000

Previews

White Background



This preview shows how the Hex color 238577 looks on a white background.

Color Contrast Check

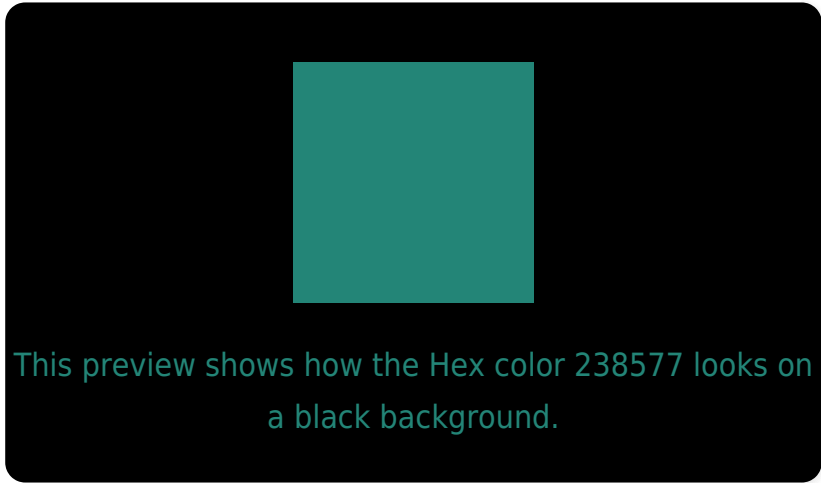
Large Text (above 18pt) WCAG AA ✓ Pass

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

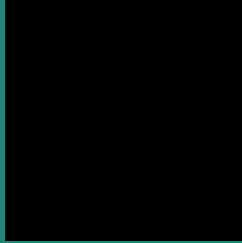
Any Text WCAG AA ✓ Pass

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 238577 Background



This preview shows how black text looks on a background with the Hex color 238577.

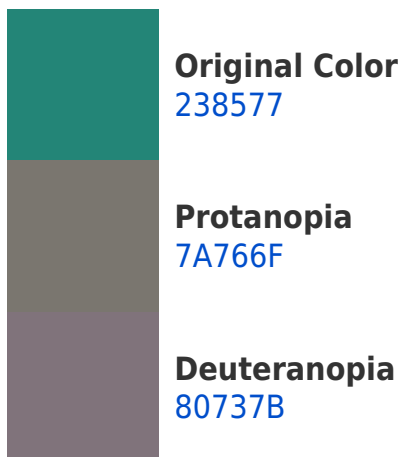



This preview shows how white text looks on a background with the Hex color 238577.

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
2F828C

Trichromacy



Original Color
238577



Protanomaly
5A7B72



Deuteranomaly
5E7A7A



Tritanomaly
2B8384

Monochromacy



Original Color
238577



Achromatopsia
666666



Achromatomaly
4E716C

CSS Examples

Text

The CSS property to change the color of the text to Hex 238577 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 #238577 looks like.

```
.text, #text, p{  
  color:#238577  
}
```

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 #238577 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #238577
}
```

Border

The CSS property to change the border of an element to Hex 238577 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
#238577 }
```

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

```
.border{ border-color:#238577 }
```

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

Here you see how a box with a 4 pixel #238577 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #238577; -webkit-box-shadow:4px 4px  
4px 4px #238577; box-shadow:4px 4px 4px  
4px #238577 }
```

Background

The CSS property to change the background color of an element to Hex 238577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#238577 }
```

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

```
.background{ background-color:#238577 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor