

Converting Colors

Hex(25838D)

Have a look what the booklet for
Hex(25838D) contains.

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Color

Hex(25838D)

Conversions

Conversions Part 1

Format	Color
Hex	25838D
RGB	37, 131, 141
RGB Percent	15%, 51%, 55%
CMY	0.8549, 0.4863, 0.4471
CMYK	0.74, 0.07, 0.00, 0.45
HSL	186°, 58%, 35%
HSV	186°, 74%, 55%
XYZ	13.6870, 18.5490, 28.0582
YIQ	104.0340, -59.2340, -16.8180

Conversions

Conversions Part 2

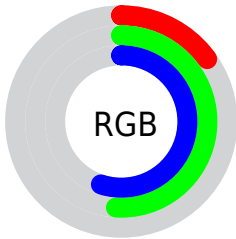
Format	Color
R_{YB}	37, 86, 141
Decimal	2458509
CIE _{Lab}	50.16, -23.08, -13.21
CIE _{LCh}	50, 26.590, 209.789
Yxy	18.5490, 0.2270, 0.3076
Android (android.graphics.Color)	4280648589 (0xFF25838D)
YUV	104.0340, 18.2242, -58.7888
Hunter-Lab	43.0686, -18.6436, -8.4782

Details

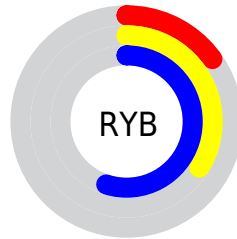
The Hex color **25838D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8D2F25**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **63B8C3**, and **00515B** is the 20% darker color. If you saturate the color by 10%, you get **17828D**, and if you desaturate by 10%, it is **33848D**.

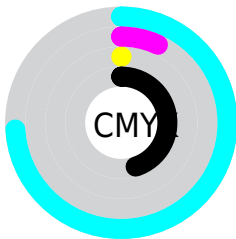
Distribution



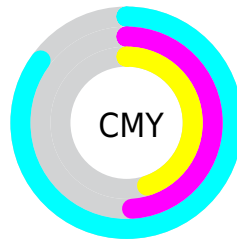
- Red (15%)
- Green (51%)
- Blue (55%)



- Red (15%)
- Yellow (34%)
- Blue (55%)



- Cyan (74%)
- Magenta (7%)
- Yellow (0%)
- Black (45%)



- Cyan (85%)
- Magenta (49%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25838D 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 25838D by changing the saturation by 10% instead.

■ 25838D

■ 25838D

FFFFFF

■ 006A73

■ 63B8C3

■ 00515B

■ 7FD4DF

■ 003A43

■ 9CF1FB

■ 00242D

■ B8FFFF

■ 000219

■ D5FFFF

■ 000000

■ F3FFFF

■ 25838D

■ 25838D

■ 17828D

■ 33848D

09808D

41868D

007F8D

4F878D

5D888D

6C8A8D

7A8B8D

888C8D

968E8D

A48F8D

Harmonies

Analogous

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



398476



25838D



34809E

Triad

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



25838D



946A8E



87764A

Complementary

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



25838D



8D2F25

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.



996E51



25838D



A26678

Square

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



25838D



7A729F



A36862



6F7D4F

Rectangle

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



25838D



4B7CA3



A36862



8E734B

Sweetspot

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



25838D



8FB4B8



258D2E



445A5C



DBDBDB



5C5C5C

Same Dimension

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



25838D



14A8B8



25508D



404747



007A87



000708

Inverse Universe

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



8D2583



B814A8



8D6225



474047



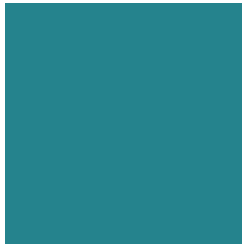
87007A



080007

Previews

White Background



This preview shows how the Hex color 25838D looks on a white background.

Color Contrast Check

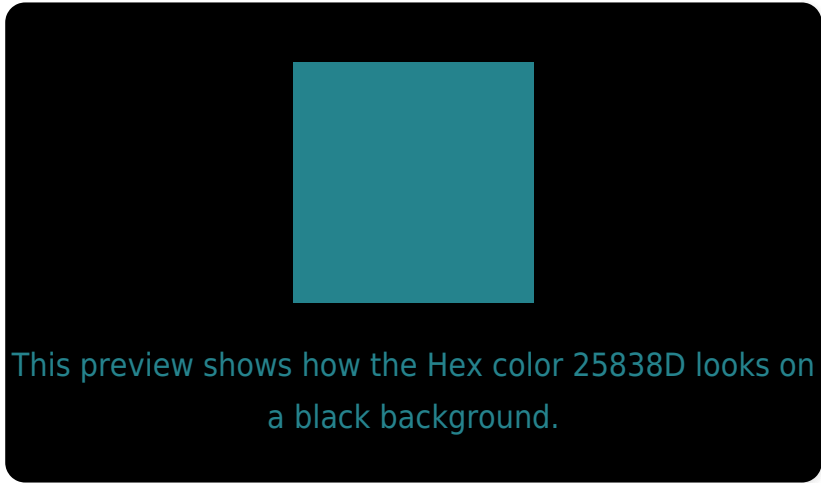
Large Text (above 18pt) WCAG AA ✓ Pass

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

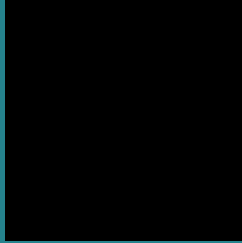
Any Text WCAG AA ✓ Pass

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 25838D Background



This preview shows how black text looks on a background with the Hex color 25838D.

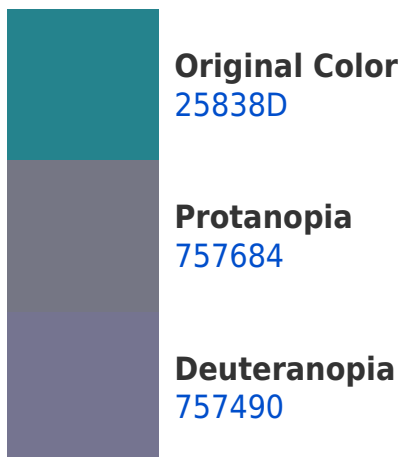


This preview shows how white text looks on a background with the Hex color 25838D.

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
25838E

Trichromacy



Original Color
25838D

Protanomaly
587B87

Deuteranomaly
58798F

Tritanomaly
25838E

Monochromacy



Original Color
25838D

Achromatopsia
686868

Achromatomaly
507275

CSS Examples

Text

The CSS property to change the color of the text to Hex 25838D 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 #25838D looks like.

```
.text, #text, p{  
    color:#25838D  
}
```

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 #25838D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25838D
}
```

Border

The CSS property to change the border of an element to Hex 25838D 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
#25838D }
```

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

```
.border{ border-color:#25838D }
```

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

Here you see how a box with a 4 pixel #25838D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25838D; -webkit-box-shadow:4px 4px  
4px 4px #25838D; box-shadow:4px 4px 4px  
4px #25838D }
```

Background

The CSS property to change the background color of an element to Hex 25838D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25838D }
```

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

```
.background{ background-color:#25838D }
```

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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