

Converting Colors

Hex(25868F)

Have a look what the booklet for
Hex(25868F) contains.

Hex(25868F)	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(25868F)

Conversions

Conversions Part 1

Format	Color
Hex	25868F
RGB	37, 134, 143
RGB Percent	15%, 53%, 56%
CMY	0.8549, 0.4745, 0.4392
CMYK	0.74, 0.06, 0.00, 0.44
HSL	185°, 59%, 35%
HSV	185°, 74%, 56%
XYZ	14.2460, 19.4267, 28.9855
YIQ	106.0230, -60.7010, -17.7650

Conversions

Conversions Part 2

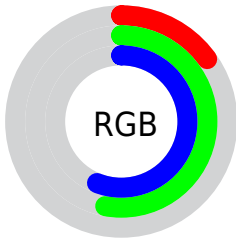
Format	Color
R_{YB}	37, 88, 143
Decimal	2459279
CIE _{Lab}	51.18, -23.98, -12.83
CIE _{LCh}	51, 27.199, 208.135
Yxy	19.4267, 0.2274, 0.3100
Android (android.graphics.Color)	4280649359 (0xFF25868F)
YUV	106.0230, 18.2297, -60.5332
Hunter-Lab	44.0757, -19.4384, -8.1379




Details

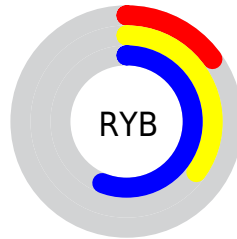
The Hex color **25868F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8F2E25**, and the grayscale version is **6A6A6A**.




A 20% lighter version of the original color is **63BCC5**, and **00545D** is the 20% darker color. If you saturate the color by 10%, you get **17858F**, and if you desaturate by 10%, it is **33878F**.

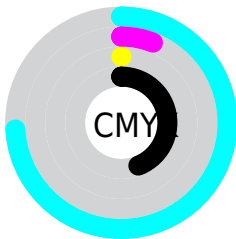
Distribution







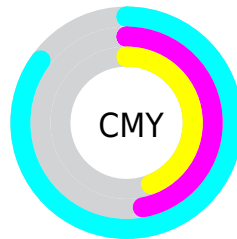
-  Red (15%)
-  Green (53%)
-  Blue (56%)






-  Red (15%)
-  Yellow (35%)
-  Blue (56%)



-  Cyan (74%)
-  Magenta (6%)
-  Yellow (0%)
-  Black (44%)



-  Cyan (85%)
-  Magenta (47%)
-  Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25868F 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 25868F by changing the saturation by 10% instead.

 25868F

 25868F

FFFFFF

 006C75

 63BCC5

 00545D

 80D7E1

 003C45

 9CF4FD

 00262F

 B9FFFF

 000A1B

 D6FFFF

 000000

 F4FFFF

 25868F

 25868F

 17858F

 33878F

08848F

42888F

00838F

508A8F

5E8B8F

6D8C8F

7B8D8F

898E8F

97908F

A6918F

Harmonies

Analogous

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



3B8678



25868F



3383A1

Triad

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



25868F



966D93



8B784B

Complementary

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



25868F



8F2E25

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.



9D7053



25868F



A5687C

Square

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



25868F



7B74A3



A76A65



737F50

Rectangle

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



25868F



4B7FA7



A76A65



92754D

Sweetspot

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



25868F



91B7BA



258F2E



465C5E



DEDEDE



5E5E5E

Same Dimension

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



25868F



14ACBA



25518F



404747



007C87



000708

Inverse Universe

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



8F2586



BA14AC



8F6325



474047



87007C



080007

Previews

White Background



This preview shows how the Hex color 25868F looks on a white background.

Color Contrast Check

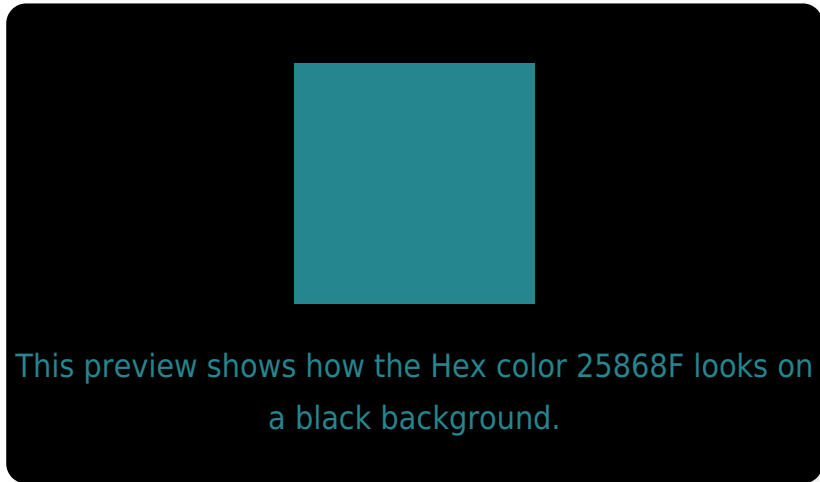
Large Text (above 18pt) WCAG AA ✓ Pass

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 25868F Background



This preview shows how black text looks on a background with the Hex color 25868F.

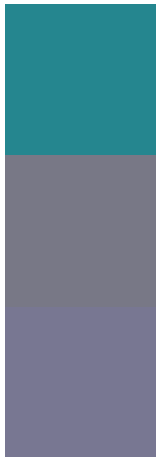


This preview shows how white text looks on a background with the Hex color 25868F.

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
25868F

Protanopia
787886

Deuteranopia
787792

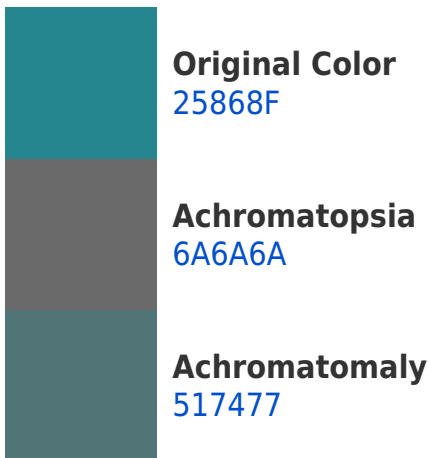


Tritanopia
268691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 25868F 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 #25868F looks like.

```
.text, #text, p{  
    color:#25868F  
}
```

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 #25868F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25868F
}
```

Border

The CSS property to change the border of an element to Hex 25868F 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
#25868F }
```

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

```
.border{ border-color:#25868F }
```

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

Here you see how a box with a 4 pixel #25868F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25868F; -webkit-box-shadow:4px 4px  
4px 4px #25868F; box-shadow:4px 4px 4px  
4px #25868F }
```

Background

The CSS property to change the background color of an element to Hex 25868F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25868F }
```

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

```
.background{ background-color:#25868F }
```

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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