

Converting Colors

Hex(27788C)

Have a look what the booklet for
Hex(27788C) contains.

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Color

Hex(27788C)

Conversions

Conversions Part 1

Format	Color
Hex	27788C
RGB	39, 120, 140
RGB Percent	15%, 47%, 55%
CMY	0.8471, 0.5294, 0.4510
CMYK	0.72, 0.14, 0.00, 0.45
HSL	192°, 56%, 35%
HSV	192°, 72%, 55%
XYZ	12.2868, 15.7577, 27.2049
YIQ	98.0610, -54.6960, -10.9520

Conversions

Conversions Part 2

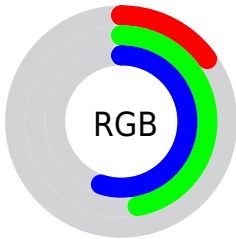
Format	Color
R_{YB}	39, 84, 140
Decimal	2586764
CIE _{Lab}	46.66, -17.25, -17.94
CIE _{LCh}	47, 24.889, 226.127
Yxy	15.7577, 0.2224, 0.2852
Android (android.graphics.Color)	4280776844 (0xFF27788C)
YUV	98.0610, 20.6759, -51.7965
Hunter-Lab	39.6960, -14.2183, -12.8461

Details

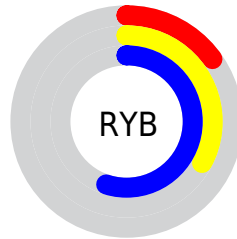
The Hex color **27788C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8C3B27**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **63ACC2**, and **00475A** is the 20% darker color. If you saturate the color by 10%, you get **19758C**, and if you desaturate by 10%, it is **357B8C**.

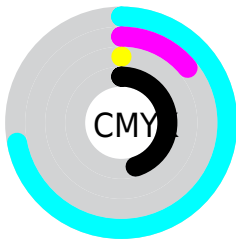
Distribution



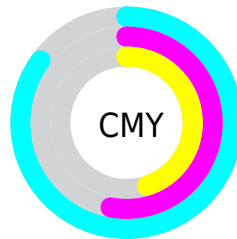
- Red (15%)
- Green (47%)
- Blue (55%)



- Red (15%)
- Yellow (33%)
- Blue (55%)



- Cyan (72%)
- Magenta (14%)
- Yellow (0%)
- Black (45%)



- Cyan (85%)
- Magenta (53%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27788C 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 27788C by changing the saturation by 10% instead.

 27788C

 27788C

FFFFFF

 005F72

 63ACC2

 00475A

 7FC8DE

 003142

 9BE4FA

 001D2C

 B7FFFF

 000118

 D4FFFF

 000000

 F2FFFF

 27788C

 27788C

 19758C

 357B8C

0B728C

437E8C

00708C

51808C

5F838C

6D868C

7B898C

898B8C

978E8C

A5918C

Harmonies

Analogous

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



297A79



27788C



427397

Triad

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



27788C



916079



717146

Complementary

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



27788C



8C3B27

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.



856A46



27788C



985F64

Square

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



27788C



7F658C



936351



5A7651

Rectangle

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



27788C



596F98



936351



796F45

Sweetspot

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



27788C



8DADB5



278C3A



44575C



DBDBDB



5C5C5C

Same Dimension

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



27788C



1896B5



27478C



3E4345



006A85



000405

Inverse Universe

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



8C2778



B51896



8C6C27



453E43



85006A



050004

Previews

White Background



This preview shows how the Hex color 27788C looks on a white background.

Color Contrast Check

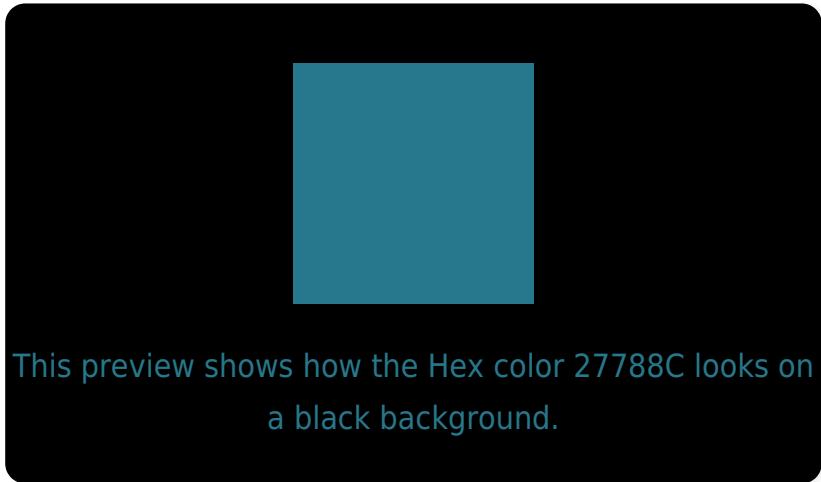
Large Text (above 18pt) WCAG AA ✓ Pass

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

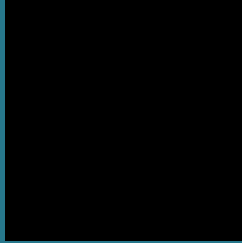
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

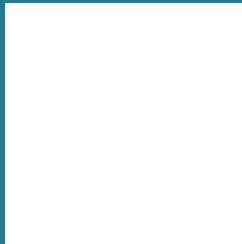
Any Text WCAG AAA × Fail

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

Hex 27788C Background



This preview shows how black text looks on a background with the Hex color 27788C.

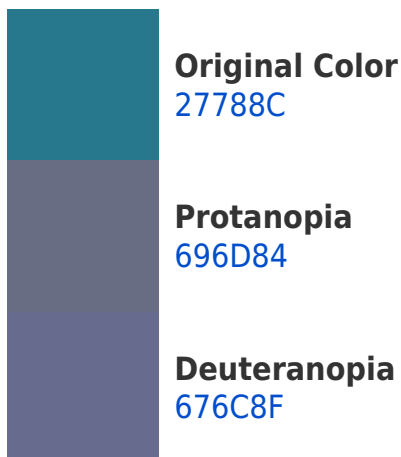


This preview shows how white text looks on a background with the Hex color 27788C.

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](#).

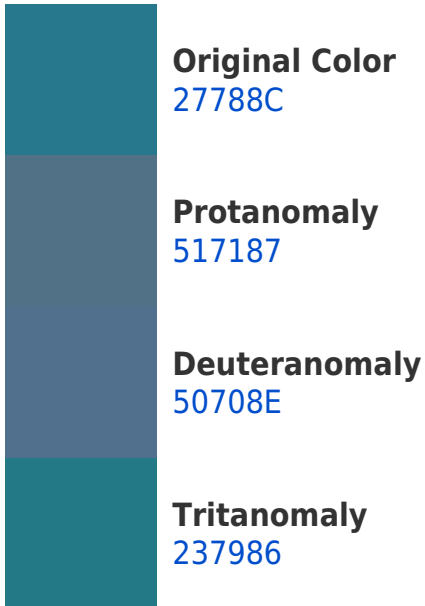
Dichromacy





Tritanopia
217983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 27788C 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 #27788C looks like.

```
.text, #text, p{  
    color:#27788C  
}
```

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 #27788C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27788C
}
```

Border

The CSS property to change the border of an element to Hex 27788C 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
#27788C }
```

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

```
.border{ border-color:#27788C }
```

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

Here you see how a box with a 4 pixel #27788C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27788C; -webkit-box-shadow:4px 4px  
4px 4px #27788C; box-shadow:4px 4px 4px  
4px #27788C }
```

Background

The CSS property to change the background color of an element to Hex 27788C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27788C }
```

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

```
.background{ background-color:#27788C }
```

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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