

Converting Colors

Hex(12788D)

Have a look what the booklet for
Hex(12788D) contains.

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Color

Hex(12788D)

Conversions

Conversions Part 1

Format	Color
Hex	12788D
RGB	18, 120, 141
RGB Percent	7%, 47%, 55%
CMY	0.9294, 0.5294, 0.4471
CMYK	0.87, 0.15, 0.00, 0.45
HSL	190°, 77%, 31%
HSV	190°, 87%, 55%
XYZ	11.7736, 15.4846, 27.5676
YIQ	91.8960, -67.5330, -15.0930

Conversions

Conversions Part 2

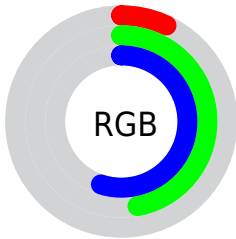
Format	Color
RYB	18, 74, 141
Decimal	1210509
CIELab	46.29, -19.25, -19.13
CIElCh	46, 27.137, 224.816
Yxy	15.4846, 0.2147, 0.2824
Android (android.graphics.Color)	4279400589 (0xFF12788D)
YUV	91.8960, 24.2083, -64.8068
Hunter-Lab	39.3505, -15.4563, -13.9912

Details

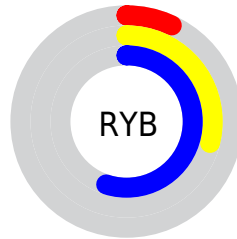
The Hex color **12788D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **8D2712**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **58ACC3**, and **00475B** is the 20% darker color. If you saturate the color by 10%, you get **04768D**, and if you desaturate by 10%, it is **207A8D**.

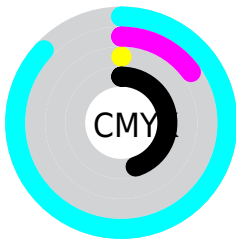
Distribution



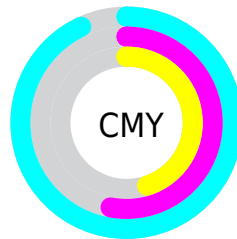
- Red (7%)
- Green (47%)
- Blue (55%)



- Red (7%)
- Yellow (29%)
- Blue (55%)



- Cyan (87%)
- Magenta (15%)
- Yellow (0%)
- Black (45%)



- Cyan (93%)
- Magenta (53%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12788D 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 12788D by changing the saturation by 10% instead.

■ 12788D

■ 12788D

FFFFFF

■ 005F73

■ 58ACC3

■ 00475B

■ 75C8DF

■ 003043

■ 92E4FB

■ 001D2D

■ AFFFFFF

■ 000118

■ CCFFFF

■ 000000

■ E9FFFF

■ 12788D

■ 12788D

■ 04768D

■ 207A8D

00758D

2E7D8D

3C7F8D

4A828D

59848D

67868D

75898D

838B8D

918E8D

Harmonies

Analogous

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



1B7A78



12788D



397399

Triad

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



12788D



935D7A



717041

Complementary

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



12788D



8D2712

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.



876842



12788D



9A5C63

Square

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



12788D



7E648E



95614F



58764D

Rectangle

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



12788D



536F9B



95614F



796D40

Sweetspot

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



12788D



88AFB8



128D26



3F575C



DBDBDB



5C5C5C

Same Dimension

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



12788D



0098B8



123B8D



404647



007087



000608

Inverse Universe

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



8D1278



B80098



8D6412



474046



870070



080006

Previews

White Background



This preview shows how the Hex color 12788D looks on a white background.

Color Contrast Check

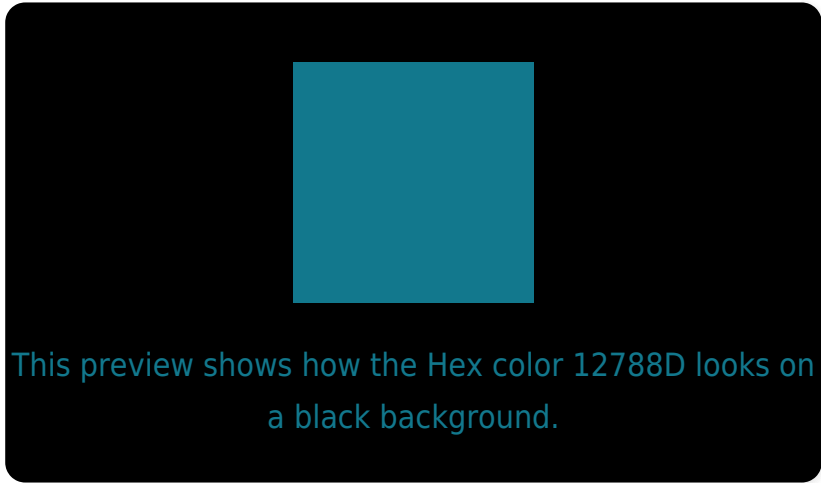
Large Text (above 18pt) WCAG AA ✓ Pass

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

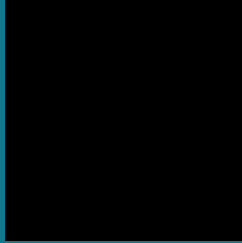
Any Text WCAG AA × Fail

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 12788D Background



This preview shows how black text looks on a background with the Hex color 12788D.

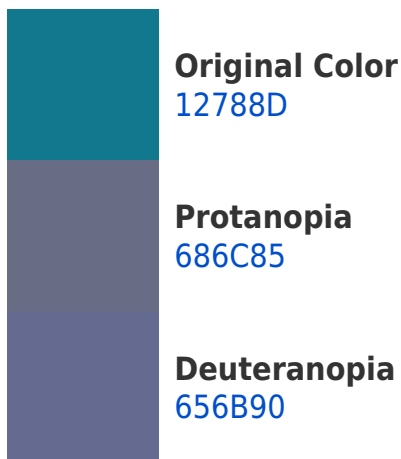


This preview shows how white text looks on a background with the Hex color 12788D.

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





Trichromacy



Original Color
12788D

Protanomaly
497088

Deuteranomaly
47708F

Tritanomaly
077987

Monochromacy



Original Color
12788D

Achromatopsia
5C5C5C

Achromatomaly
41666E

CSS Examples

Text

The CSS property to change the color of the text to Hex 12788D 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 #12788D looks like.

```
.text, #text, p{  
    color:#12788D  
}
```

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 #12788D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12788D
}
```

Border

The CSS property to change the border of an element to Hex 12788D 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
#12788D }
```

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

```
.border{ border-color:#12788D }
```

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

Here you see how a box with a 4 pixel #12788D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12788D; -webkit-box-shadow:4px 4px  
4px 4px #12788D; box-shadow:4px 4px 4px  
4px #12788D }
```

Background

The CSS property to change the background color of an element to Hex 12788D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12788D }
```

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

```
.background{ background-color:#12788D }
```

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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