

Converting Colors

Hex(11728B)

Have a look what the booklet for
Hex(11728B) contains.

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Color

Hex(11728B)

Conversions

Conversions Part 1

Format	Color
Hex	11728B
RGB	17, 114, 139
RGB Percent	7%, 45%, 55%
CMY	0.9333, 0.5529, 0.4549
CMYK	0.88, 0.18, 0.00, 0.45
HSL	192°, 78%, 31%
HSV	192°, 88%, 55%
XYZ	10.9087, 14.0179, 26.5569
YIQ	87.8470, -65.8370, -12.7890

Conversions

Conversions Part 2

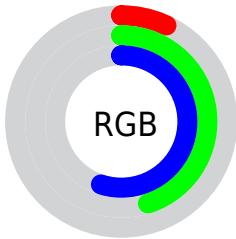
Format	Color
R _Y B	17, 71, 139
Decimal	1143435
CIE Lab	44.26, -16.75, -21.07
CIE LCh	44, 26.912, 231.512
Yxy	14.0179, 0.2119, 0.2723
Android (android.graphics.Color)	4279333515 (0xFF11728B)
YUV	87.8470, 25.2184, -62.1328
Hunter-Lab	37.4405, -13.5129, -15.8466

Details

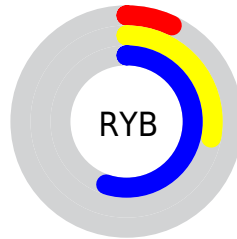
The Hex color **11728B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8B2A11**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **57A6C1**, and **004259** is the 20% darker color. If you saturate the color by 10%, you get **036F8B**, and if you desaturate by 10%, it is **1F758B**.

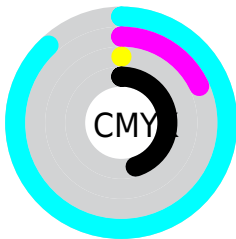
Distribution



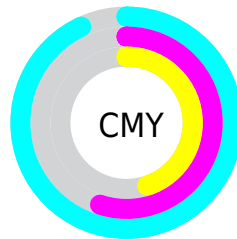
- Red (7%)
- Green (45%)
- Blue (55%)



- Red (7%)
- Yellow (28%)
- Blue (55%)



- Cyan (88%)
- Magenta (18%)
- Yellow (0%)
- Black (45%)



- Cyan (93%)
- Magenta (55%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 11728B 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 11728B by changing the saturation by 10% instead.

■ 11728B

■ 11728B

FFFFFF

■ 005971

■ 57A6C1

■ 004259

■ 74C1DC

■ 002C41

■ 90DDF9

■ 00192B

■ ADFAFF

■ 000116

■ CAFFFF

■ 000000

■ E7FFFF

■ 11728B

■ 11728B

■ 036F8B

■ 1F758B

■ 006F8B

■ 2D788B

■ 3B7B8B

■ 497D8B

■ 56808B

■ 64838B

■ 72868B

■ 80898B

■ 8E8C8B

Harmonies

Analogous

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



0A7478



11728B



3C6D94

Triad

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



11728B



905870



676C3E

Complementary

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



11728B



8B2A11

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.



7D653C



11728B



945859

Square

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



11728B



7F5D85



8D5D46



4D714C

Rectangle

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



11728B



566894



8D5D46



6F6A3C

Sweetspot

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



11728B



86ABB5



118B29



3F565C



DBDBDB



5C5C5C

Same Dimension

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



11728B



0090B5



11368B



3E4345



006985



000405

Inverse Universe

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



8B1172



B50090



8B6611



453E43



850069



050004

Previews

White Background



This preview shows how the Hex color 11728B looks on a white background.

Color Contrast Check

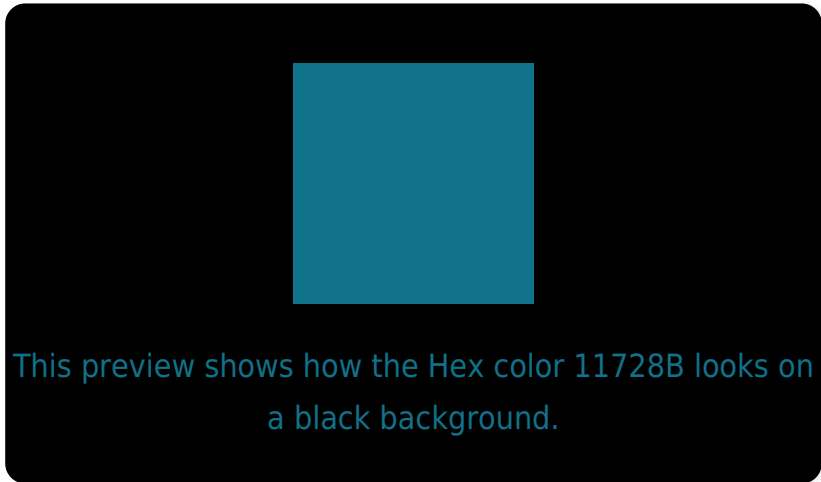
Large Text (above 18pt) WCAG AA ✓ Pass

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

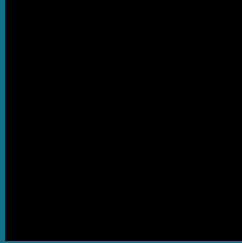
Any Text WCAG AA × Fail

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 11728B Background



This preview shows how black text looks on a background with the Hex color 11728B.

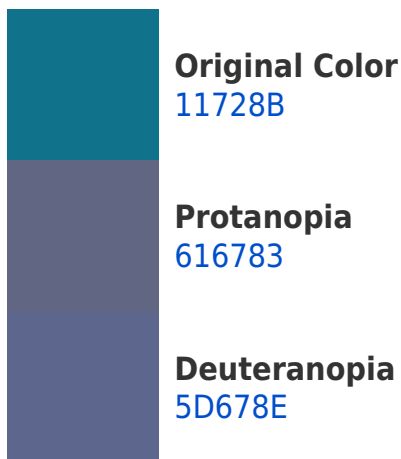


This preview shows how white text looks on a background with the Hex color 11728B.

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](#).

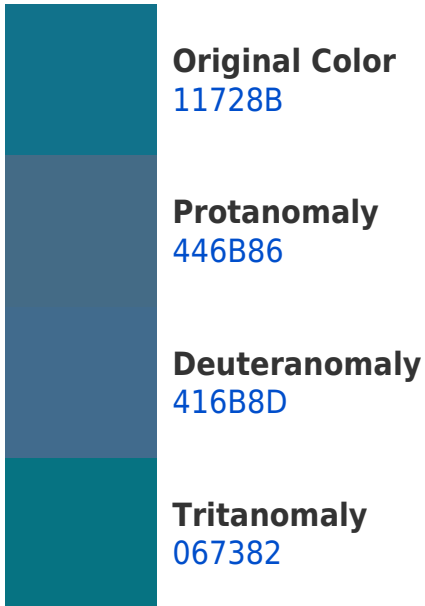
Dichromacy



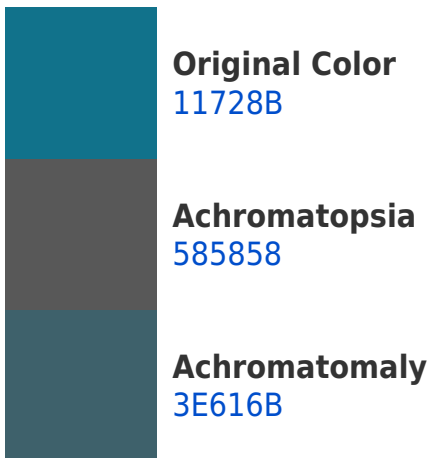


Tritanopia
00747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 11728B 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 #11728B looks like.

```
.text, #text, p{  
    color:#11728B  
}
```

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 #11728B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11728B
}
```

Border

The CSS property to change the border of an element to Hex 11728B 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
#11728B }
```

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

```
.border{ border-color:#11728B }
```

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

Here you see how a box with a 4 pixel #11728B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11728B; -webkit-box-shadow:4px 4px  
4px 4px #11728B; box-shadow:4px 4px 4px  
4px #11728B }
```

Background

The CSS property to change the background color of an element to Hex 11728B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11728B }
```

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

```
.background{ background-color:#11728B }
```

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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