

Converting Colors

Hex(1A728B)

Have a look what the booklet for
Hex(1A728B) contains.

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Color

Hex(1A728B)

Conversions

Conversions Part 1

Format	Color
Hex	1A728B
RGB	26, 114, 139
RGB Percent	10%, 45%, 55%
CMY	0.8980, 0.5529, 0.4549
CMYK	0.81, 0.18, 0.00, 0.45
HSL	193°, 68%, 32%
HSV	193°, 81%, 55%
XYZ	11.1035, 14.1183, 26.5660
YIQ	90.5380, -60.4730, -10.8810

Conversions

Conversions Part 2

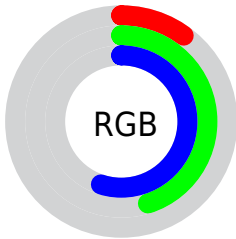
Format	Color
R_{YB}	26, 75, 139
Decimal	1733259
CIE _{Lab}	44.40, -15.93, -20.83
CIE _{LCh}	44, 26.225, 232.595
Yxy	14.1183, 0.2144, 0.2726
Android (android.graphics.Color)	4279923339 (0xFF1A728B)
YUV	90.5380, 23.8918, -56.5998
Hunter-Lab	37.5744, -13.0070, -15.6174

Details

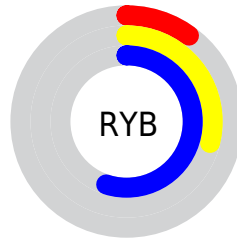
The Hex color **1A728B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8B331A**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **5BA6C1**, and **004259** is the 20% darker color. If you saturate the color by 10%, you get **0C6F8B**, and if you desaturate by 10%, it is **28758B**.

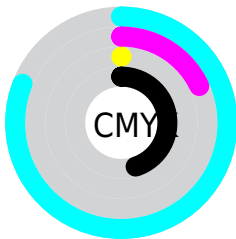
Distribution



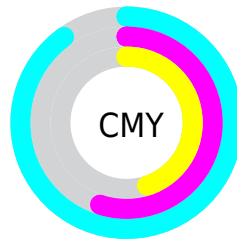
- Red (10%)
- Green (45%)
- Blue (55%)



- Red (10%)
- Yellow (29%)
- Blue (55%)



- Cyan (81%)
- Magenta (18%)
- Yellow (0%)
- Black (45%)



- Cyan (90%)
- Magenta (55%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A728B 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 1A728B by changing the saturation by 10% instead.

■ 1A728B

■ 1A728B

FFFFFF

■ 005971

■ 5BA6C1

■ 004259

■ 77C1DC

■ 002C41

■ 93DDF9

■ 00182B

■ B0FAFF

■ 000116

■ CDFFFF

■ 000000

■ EAFFFF

■ 1A728B

■ 1A728B

■ 0C6F8B

■ 28758B

■ 006C8B

■ 36788B

■ 447B8B

■ 527E8B

■ 5F818B

■ 6D848B

■ 7B888B

■ 898B8B

■ 978E8B

Harmonies

Analogous

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



137479



1A728B



406D94

Triad

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



1A728B



90596F



676D40

Complementary

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



1A728B



8B331A

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.



7C663E



1A728B



945959

Square

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



1A728B



7F5E84



8C5E47



4D724E

Rectangle

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



1A728B



596893



8C5E47



6E6B3E

Sweetspot

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



1A728B



8AABB5



1A8B32



41565C



DBDBDB



5C5C5C

Same Dimension

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



1A728B



048EB5



1A3A8B



3E4345



006785



000405

Inverse Universe

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



8B1A72



B5048E



8B6B1A



453E43



850067



050004

Previews

White Background



This preview shows how the Hex color 1A728B looks on a white background.

Color Contrast Check

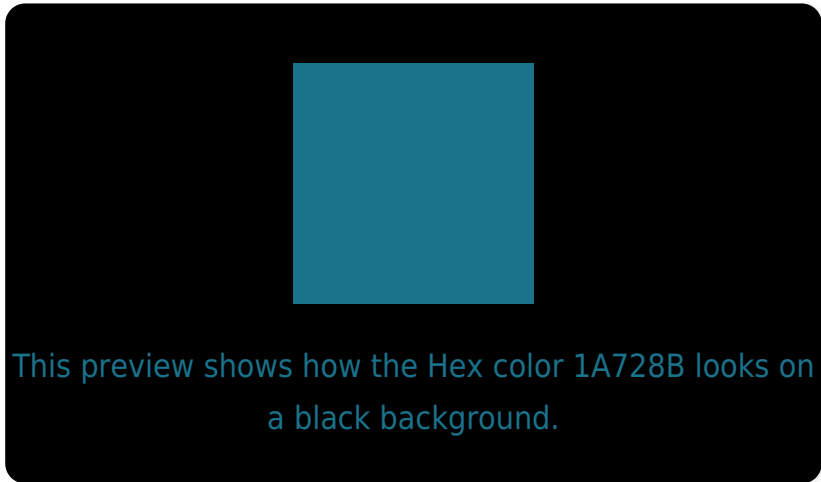
Large Text (above 18pt) WCAG AA ✓ Pass

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

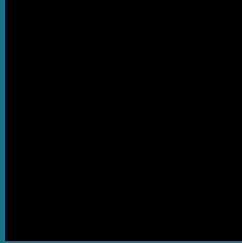
Any Text WCAG AA × Fail

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 1A728B Background



This preview shows how black text looks on a background with the Hex color 1A728B.

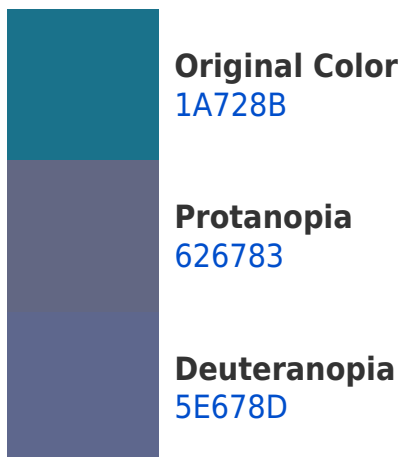


This preview shows how white text looks on a background with the Hex color 1A728B.

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
00747E

Trichromacy



Original Color
1A728B

Protanomaly
486B86

Deuteranomaly
456B8C

Tritanomaly
097383

Monochromacy



Original Color
1A728B

Achromatopsia
5B5B5B

Achromatomaly
43636C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A728B 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 #1A728B looks like.

```
.text, #text, p{  
    color:#1A728B  
}
```

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 #1A728B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A728B
}
```

Border

The CSS property to change the border of an element to Hex 1A728B 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
#1A728B }
```

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

```
.border{ border-color:#1A728B }
```

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

Here you see how a box with a 4 pixel #1A728B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A728B; -webkit-box-shadow:4px 4px  
4px 4px #1A728B; box-shadow:4px 4px 4px  
4px #1A728B }
```

Background

The CSS property to change the background color of an element to Hex 1A728B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A728B }
```

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

```
.background{ background-color:#1A728B }
```

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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