

Converting Colors

Hex(1A6878)

Have a look what the booklet for
Hex(1A6878) contains.

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Color

Hex(1A6878)

Conversions

Conversions Part 1

Format	Color
Hex	1A6878
RGB	26, 104, 120
RGB Percent	10%, 41%, 47%
CMY	0.8980, 0.5922, 0.5294
CMYK	0.78, 0.13, 0.00, 0.53
HSL	190°, 64%, 29%
HSV	190°, 78%, 47%
XYZ	8.7665, 11.4763, 19.5224
YIQ	82.5020, -51.6240, -11.5600

Conversions

Conversions Part 2

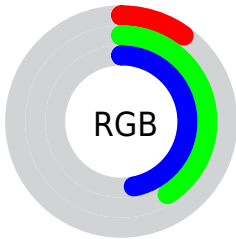
Format	Color
R_{YB}	26, 69, 120
Decimal	1730680
CIE _{Lab}	40.37, -17.07, -15.59
CIE _{LCh}	40, 23.116, 222.393
Yxy	11.4763, 0.2205, 0.2886
Android (android.graphics.Color)	4279920760 (0xFF1A6878)
YUV	82.5020, 18.4865, -49.5523
Hunter-Lab	33.8767, -13.0927, -10.4539

Details

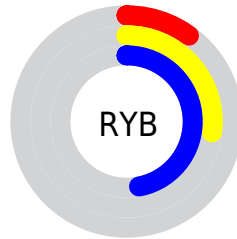
The Hex color **1A6878** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **782A1A**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **569BAC**, and **003948** is the 20% darker color. If you saturate the color by 10%, you get **0E6678**, and if you desaturate by 10%, it is **266A78**.

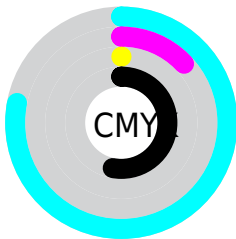
Distribution



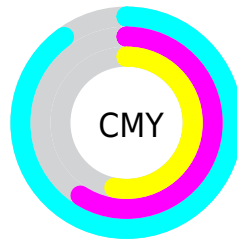
- Red (10%)
- Green (41%)
- Blue (47%)



- Red (10%)
- Yellow (27%)
- Blue (47%)



- Cyan (78%)
- Magenta (13%)
- Yellow (0%)
- Black (53%)



- Cyan (90%)
- Magenta (59%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A6878 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 1A6878 by changing the saturation by 10% instead.

■ 1A6878

■ 1A6878

FFFFFF

■ 00505F

■ 569BAC

■ 003948

■ 72B6C8

■ 002331

■ 8DD2E4

■ 00041D

■ AAEEFF

■ 000000

■ C6FFFF

■ E3FFFF

■ 1A6878

■ 1A6878

■ 0E6678

■ 266A78

■ 026478

■ 326C78

■ 006478

■ 3E6E78

■ 4A7078

■ 567278

■ 627478

■ 6E7678

■ 7A7878

■ 867A78

Harmonies

Analogous

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



216967



1A6878



326483

Triad

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



1A6878



7D526B



64613A

Complementary

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



1A6878



782A1A

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.



765A3B



1A6878



845158

Square

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



1A6878



6B577B



815447



4F6643

Rectangle

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



1A6878



476085



815447



6A5E39

Sweetspot

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



1A6878



76959C



1A782A



384B4F



CFCFCF



4F4F4F

Same Dimension

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



1A6878



09839C



1A3978



373C3D



00687D



00D1FC

Inverse Universe

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



781A68



9C0983



78591A



3D373C



7D0068



FC00D1

Previews

White Background



This preview shows how the Hex color 1A6878 looks on a white background.

Color Contrast Check

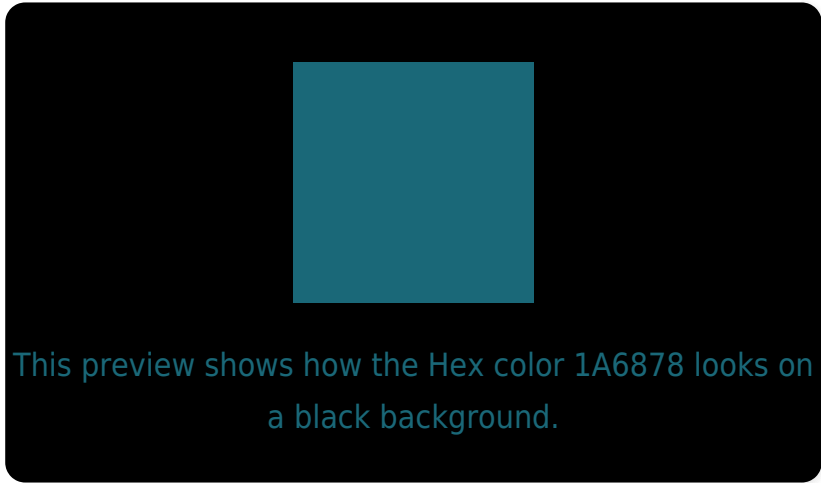
Large Text (above 18pt) WCAG AA ✓ Pass

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

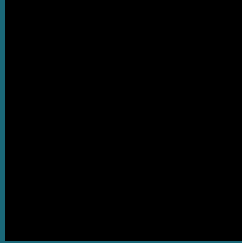
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

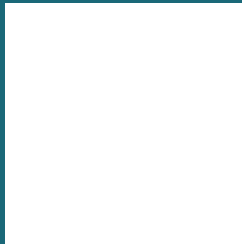
Any Text WCAG AAA × Fail

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

Hex 1A6878 Background



This preview shows how black text looks on a background with the Hex color 1A6878.



This preview shows how white text looks on a background with the Hex color 1A6878.

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](#).

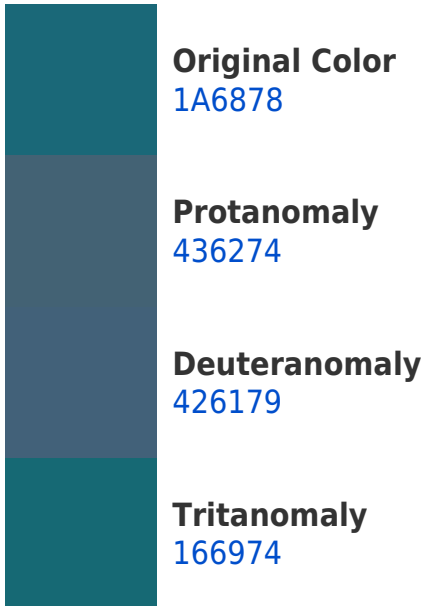
Dichromacy



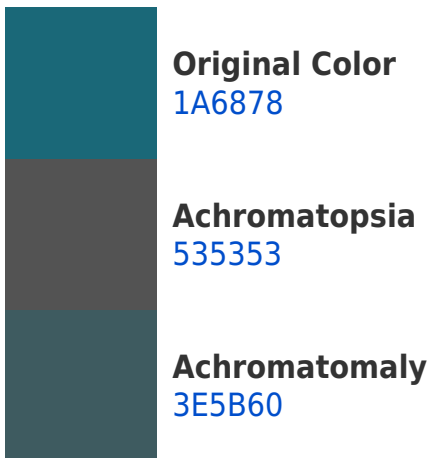


Tritanopia
136972

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1A6878 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 #1A6878 looks like.

```
.text, #text, p{  
    color:#1A6878  
}
```

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 #1A6878 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A6878
}
```

Border

The CSS property to change the border of an element to Hex 1A6878 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
#1A6878 }
```

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

```
.border{ border-color:#1A6878 }
```

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

Here you see how a box with a 4 pixel #1A6878 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A6878; -webkit-box-shadow:4px 4px  
4px 4px #1A6878; box-shadow:4px 4px 4px  
4px #1A6878 }
```

Background

The CSS property to change the background color of an element to Hex 1A6878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A6878 }
```

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

```
.background{ background-color:#1A6878 }
```

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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