

Converting Colors

Hex(1B6378)

Have a look what the booklet for
Hex(1B6378) contains.

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Color

Hex(1B6378)

Conversions

Conversions Part 1

Format	Color
Hex	1B6378
RGB	27, 99, 120
RGB Percent	11%, 39%, 47%
CMY	0.8941, 0.6118, 0.5294
CMYK	0.78, 0.18, 0.00, 0.53
HSL	194°, 63%, 29%
HSV	194°, 78%, 47%
XYZ	8.3040, 10.5128, 19.3608
YIQ	79.8660, -49.6530, -8.7330

Conversions

Conversions Part 2

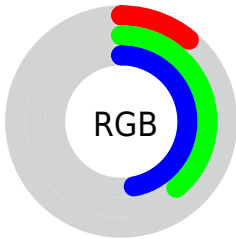
Format	Color
R_{YB}	27, 68, 120
Decimal	1794936
CIE _{Lab}	38.75, -14.12, -18.07
CIE _{LCh}	39, 22.933, 232.007
Yxy	10.5128, 0.2175, 0.2754
Android (android.graphics.Color)	4279985016 (0xFF1B6378)
YUV	79.8660, 19.7861, -46.3635
Hunter-Lab	32.4234, -11.0250, -12.7071




Details

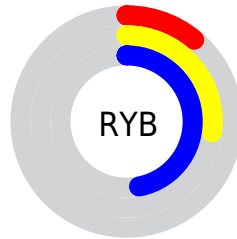
The Hex color **1B6378** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **78301B**, and the grayscale version is **505050**.




A 20% lighter version of the original color is **5696AC**, and **003447** is the 20% darker color. If you saturate the color by 10%, you get **0F6078**, and if you desaturate by 10%, it is **276678**.

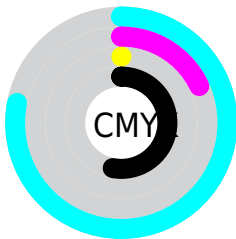
Distribution







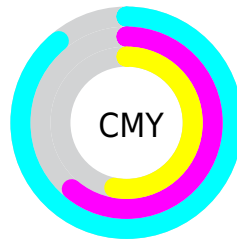
-  Red (11%)
-  Green (39%)
-  Blue (47%)






-  Red (11%)
-  Yellow (27%)
-  Blue (47%)



-  Cyan (78%)
-  Magenta (18%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (89%)
-  Magenta (61%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B6378 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 1B6378 by changing the saturation by 10% instead.

■ 1B6378

■ 1B6378

FFFFFF

■ 004B5F

■ 5696AC

■ 003447

■ 72B1C8

■ 001F31

■ 8DCCE4

■ 00021C

■ A9E8FF

■ 000000

■ C6FFFF

■ E3FFFF

■ 1B6378

■ 1B6378

■ 0F6078

■ 276678

■ 035E78

■ 336878

■ 005D78

■ 3F6B78

■ 4B6E78

■ 577178

■ 637378

■ 6F7678

■ 7B7978

■ 877B78

Harmonies

Analogous

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



166569



1B6378



395F80

Triad

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



1B6378



7C4D61



5A5E38

Complementary

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



1B6378



78301B

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.



6C5836



1B6378



804E4E

Square

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



1B6378



6E5272



7A523F



446344

Rectangle

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



1B6378



4D5A7F



7A523F



605D36

Sweetspot

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



1B6378



78939C



1B782F



394A4F



CFCFCF



4F4F4F

Same Dimension

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



1B6378



0B7B9C



1B3578



373C3D



00617D



00C3FC

Inverse Universe

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



781B63



9C0B7B



785E1B



3D373C



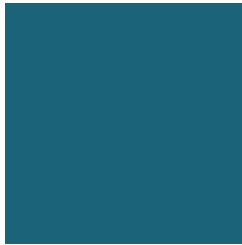
7D0061



FC00C3

Previews

White Background



This preview shows how the Hex color 1B6378 looks on a white background.

Color Contrast Check

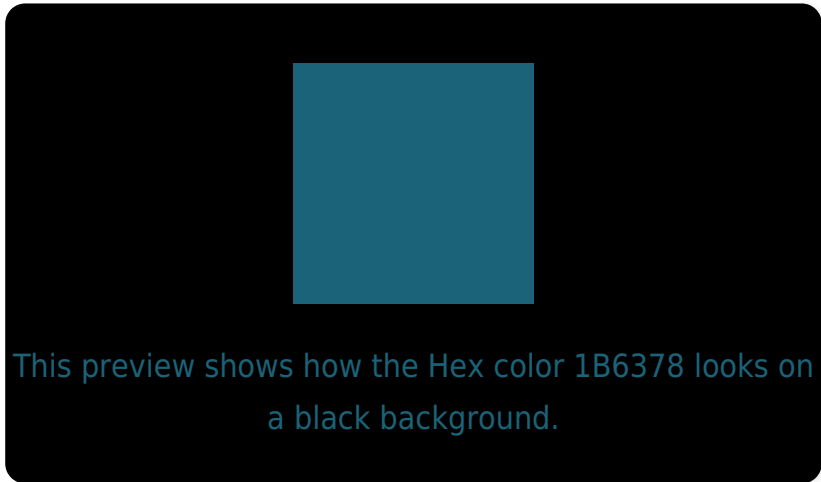
Large Text (above 18pt) WCAG AA ✓ Pass

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

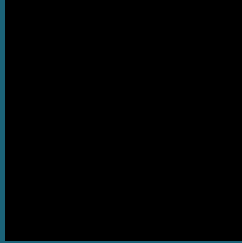
Any Text WCAG AA × Fail

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 1B6378 Background



This preview shows how black text looks on a background with the Hex color 1B6378.

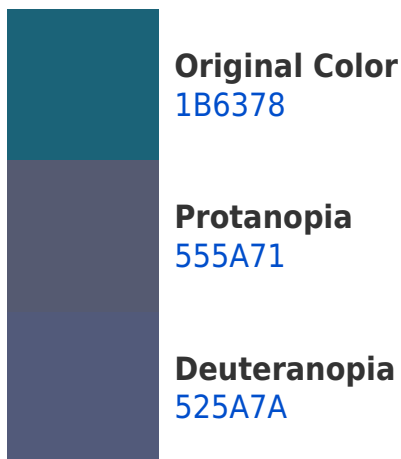


This preview shows how white text looks on a background with the Hex color 1B6378.

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](#).

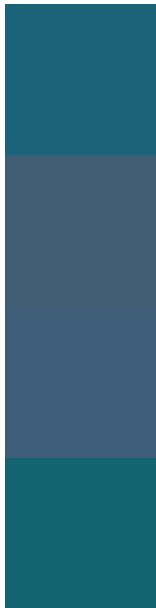
Dichromacy





Tritanopia
0F656D

Trichromacy



Original Color
1B6378

Protanomaly
405D74

Deuteranomaly
3E5D79

Tritanomaly
136471

Monochromacy



Original Color
1B6378

Achromatopsia
505050

Achromatomaly
3D575F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B6378 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 #1B6378 looks like.

```
.text, #text, p{  
    color:#1B6378  
}
```

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 #1B6378 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B6378
}
```

Border

The CSS property to change the border of an element to Hex 1B6378 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
#1B6378 }
```

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

```
.border{ border-color:#1B6378 }
```

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

Here you see how a box with a 4 pixel #1B6378 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B6378; -webkit-box-shadow:4px 4px  
4px 4px #1B6378; box-shadow:4px 4px 4px  
4px #1B6378 }
```

Background

The CSS property to change the background color of an element to Hex 1B6378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B6378 }
```

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

```
.background{ background-color:#1B6378 }
```

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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