

Converting Colors

Hex(1B587B)

Have a look what the booklet for
Hex(1B587B) contains.

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Color

Hex(1B587B)

Conversions

Conversions Part 1

Format	Color
Hex	1B587B
RGB	27, 88, 123
RGB Percent	11%, 35%, 48%
CMY	0.8941, 0.6549, 0.5176
CMYK	0.78, 0.28, 0.00, 0.52
HSL	202°, 64%, 29%
HSV	202°, 78%, 48%
XYZ	7.5169, 8.6425, 20.0109
YIQ	73.7510, -47.5910, -2.0470

Conversions

Conversions Part 2

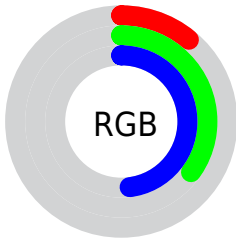
Format	Color
R_{YB}	27, 64, 123
Decimal	1792123
CIE _{Lab}	35.29, -6.44, -25.28
CIE _{LCh}	35, 26.093, 255.703
Yxy	8.6425, 0.2078, 0.2389
Android (android.graphics.Color)	4279982203 (0xFF1B587B)
YUV	73.7510, 24.2798, -41.0006
Hunter-Lab	29.3982, -5.8058, -19.7791




Details

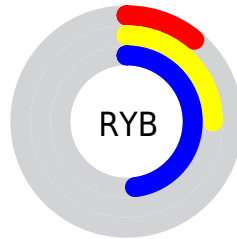
The Hex color **1B587B** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7B3E1B**, and the grayscale version is **4A4A4A**.




A 20% lighter version of the original color is **568AB0**, and **002B4A** is the 20% darker color. If you saturate the color by 10%, you get **0F547B**, and if you desaturate by 10%, it is **275C7B**.

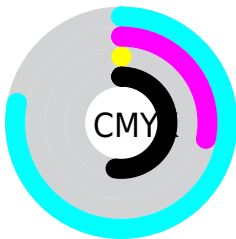
Distribution







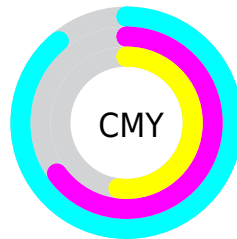
-  Red (11%)
-  Green (35%)
-  Blue (48%)






-  Red (11%)
-  Yellow (25%)
-  Blue (48%)



-  Cyan (78%)
-  Magenta (28%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (89%)
-  Magenta (65%)
-  Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B587B 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 1B587B by changing the saturation by 10% instead.

■ 1B587B

■ 1B587B

FFFFFF

■ 004162

■ 568AB0

■ 002B4A

■ 71A4CB

■ 001733

■ 8DBFE7

■ 00021E

■ A9DBFF

■ 000000

■ C5F7FF

■ E2FFFF

■ 1B587B

■ 1B587B

■ 0F547B

■ 275C7B

024F7B

34617B

004E7B

40657B

4C6A7B

596E7B

65737B

71777B

7D7C7B

8A807B

Harmonies

Analogous

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



005C70



1B587B



45517B

Triad

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



1B587B



7B4249



3E5A35

Complementary

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



1B587B



7B3E1B

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.



55552A



1B587B



764736

Square

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



1B587B



75435E



694E2A



205D48

Rectangle

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



1B587B



5A4C75



694E2A



465930

Sweetspot

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



1B587B



7C93A1



1B7B3D



3B4952



D1D1D1



525252

Same Dimension

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



1B587B



0A6AA1



1B297B



373B3D



004F7D



00A0FC

Inverse Universe

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



7B1B58



A10A6A



7B6D1B



3D373B



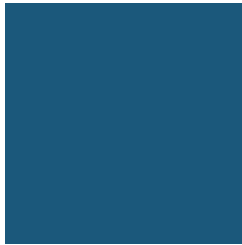
7D004F



FC00A0

Previews

White Background



This preview shows how the Hex color 1B587B looks on a white background.

Color Contrast Check

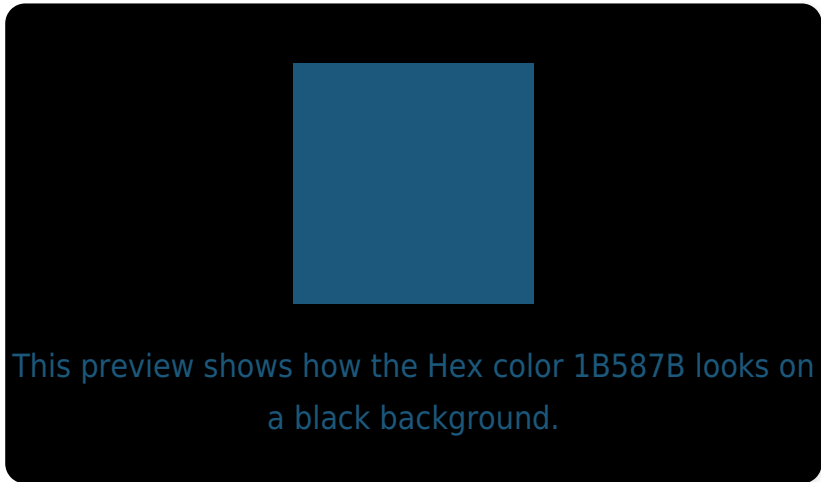
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

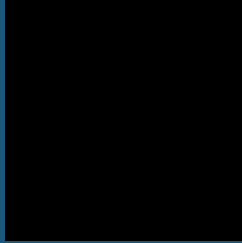
Any Text WCAG AA × Fail

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 1B587B Background



This preview shows how black text looks on a background with the Hex color 1B587B.



This preview shows how white text looks on a background with the Hex color 1B587B.

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
1B587B

Protanomaly
375478

Deuteranomaly
33547C

Monochromacy



Original Color
1B587B

Achromatopsia
4A4A4A

Achromatomaly
394F5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B587B 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 #1B587B looks like.

```
.text, #text, p{  
    color:#1B587B  
}
```

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 #1B587B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B587B
}
```

Border

The CSS property to change the border of an element to Hex 1B587B 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
#1B587B }
```

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

```
.border{ border-color:#1B587B }
```

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

Here you see how a box with a 4 pixel #1B587B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B587B; -webkit-box-shadow:4px 4px  
4px 4px #1B587B; box-shadow:4px 4px 4px  
4px #1B587B }
```

Background

The CSS property to change the background color of an element to Hex 1B587B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B587B }
```

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

```
.background{ background-color:#1B587B }
```

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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