

Converting Colors

Hex(1B575B)

Have a look what the booklet for
Hex(1B575B) contains.

Hex(1B575B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1B575B)

Conversions

Conversions Part 1

Format	Color
Hex	1B575B
RGB	27, 87, 91
RGB Percent	11%, 34%, 36%
CMY	0.8941, 0.6588, 0.6431
CMYK	0.70, 0.04, 0.00, 0.64
HSL	184°, 54%, 23%
HSV	184°, 70%, 36%
XYZ	5.7485, 7.8047, 11.1010
YIQ	69.5160, -37.0440, -11.4760

Conversions

Conversions Part 2

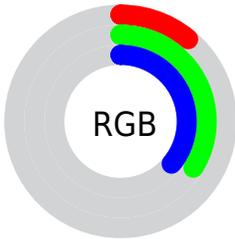
Format	Color
R_{YB}	27, 58, 91
Decimal	1791835
CIE _{Lab}	33.57, -17.41, -7.96
CIE _{LCh}	34, 19.145, 204.574
Yxy	7.8047, 0.2332, 0.3166
Android (android.graphics.Color)	4279981915 (0xFF1B575B)
YUV	69.5160, 10.5916, -37.2865
Hunter-Lab	27.9370, -12.1602, -4.0036

Details

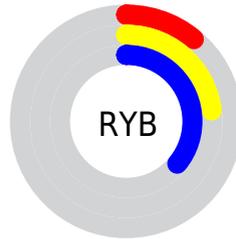
The Hex color **1B575B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5B1F1B**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **51898D**, and **00292D** is the 20% darker color. If you saturate the color by 10%, you get **12565B**, and if you desaturate by 10%, it is **24585B**.

Distribution



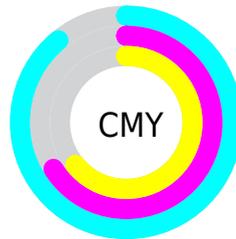
- Red (11%)
- Green (34%)
- Blue (36%)



- Red (11%)
- Yellow (23%)
- Blue (36%)



- Cyan (70%)
- Magenta (4%)
- Yellow (0%)
- Black (64%)



- Cyan (89%)
- Magenta (66%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B575B 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 1B575B by changing the saturation by 10% instead.



1B575B



1B575B

FFFFFF



004044



51898D



00292D



6BA3A7



001619



85BFC3



000000



A1DBDF



BCF7FB



D9FFFF



F6FFFF



1B575B



1B575B

■ 12565B

■ 24585B

■ 09565B

■ 2D585B

■ 00555B

■ 36595B

■ 3F595B

■ 495A5B

■ 525A5B

■ 5B5B5B

■ 645C5B

■ 6D5C5B

Harmonies

Analogous

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



29574C



1B575B



205567

Triad

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



1B575B



604761



5C4D31

Complementary

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



1B575B



5B1F1B

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.



674837



1B575B



6A4452

Square

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



1B575B



4D4C6A



6D4443



4C5233

Rectangle

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



1B575B



2E536C



6D4443



604B32

Sweetspot

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



1B575B



5D7475



1B5B1E



2C3A3B



BABABA



3B3B3B

Same Dimension

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



1B575B



136F75



1B385B



292E2E



00676E



00DEED

Inverse Universe

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



5B1B57



75136F



5B3E1B



2E292E



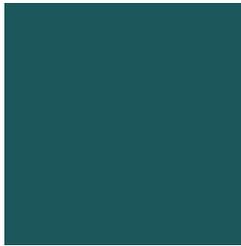
6E0067



ED00DE

Previews

White Background



This preview shows how the Hex color 1B575B looks on a white background.

Color Contrast Check

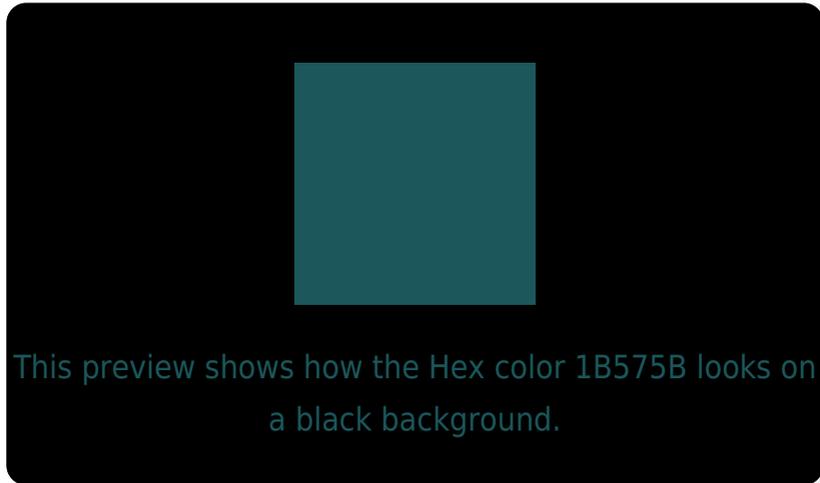
Large Text (above 18pt) WCAG AA ✓ Pass

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

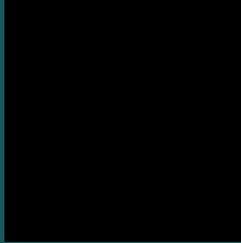
Any Text WCAG AA × Fail

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 1B575B Background



This preview shows how black text looks on a background with the Hex color 1B575B.

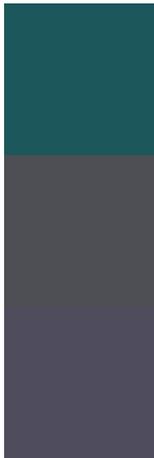


This preview shows how white text looks on a background with the Hex color 1B575B.

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



Original Color
1B575B

Protanopia
4E4E55

Deuteranopia
4F4D5D



Tritanopia
1D575E

Trichromacy



Original Color
1B575B

Protanomaly
3B5157

Deuteranomaly
3C515C

Tritanomaly
1C575D

Monochromacy



Original Color
1B575B

Achromatopsia
464646

Achromatomaly
364C4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B575B 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 #1B575B looks like.

```
.text, #text, p{  
    color:#1B575B  
}
```

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 #1B575B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B575B
}
```

Border

The CSS property to change the border of an element to Hex 1B575B 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
#1B575B }
```

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

```
.border{ border-color:#1B575B }
```

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

Here you see how a box with a 4 pixel #1B575B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B575B; -webkit-box-shadow:4px 4px  
4px 4px #1B575B; box-shadow:4px 4px 4px  
4px #1B575B }
```

Background

The CSS property to change the background color of an element to Hex 1B575B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B575B }
```

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

```
.background{ background-color:#1B575B }
```

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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