

# Converting Colors

Hex(1B573F)

Have a look what the booklet for  
Hex(1B573F) contains.

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# Color

Hex(1B573F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1B573F
RGB	27, 87, 63
RGB Percent	11%, 34%, 25%
CMY	0.8941, 0.6588, 0.7529
CMYK	0.69, 0.00, 0.28, 0.66
HSL	156°, 53%, 22%
HSV	156°, 69%, 34%
XYZ	4.7574, 7.4083, 5.8818
YIQ	66.3240, -28.0560, -20.1840

# Conversions

## Conversions Part 2

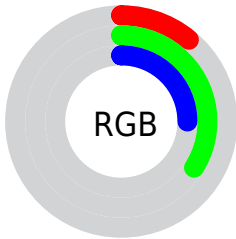
<b>Format</b>	<b>Color</b>
<b>RYB</b>	27, 65, 87
Decimal	1791807
CIELab	32.72, -25.73, 8.39
CIELCh	33, 27.063, 161.932
Yxy	7.4083, 0.2636, 0.4105
Android (android.graphics.Color)	4279981887 (0xFF1B573F)
YUV	66.3240, -1.6387, -34.4871
Hunter-Lab	27.2182, -16.4322, 6.2402

# Details

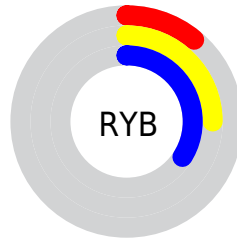
The Hex color **1B573F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **571B33**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **4F896F**, and **002915** is the 20% darker color. If you saturate the color by 10%, you get **12573C**, and if you desaturate by 10%, it is **245742**.

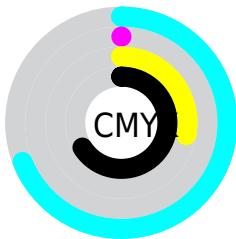
# Distribution



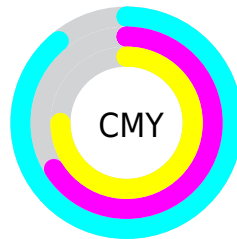
- Red (11%)
- Green (34%)
- Blue (25%)



- Red (11%)
- Yellow (25%)
- Blue (34%)



- Cyan (69%)
- Magenta (0%)
- Yellow (28%)
- Black (66%)



- Cyan (89%)
- Magenta (66%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1B573F 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 1B573F by changing the saturation by 10% instead.





1B573F



1B573F

FFFFFF



003F29



4F896F



002915



68A488



001100



83BFA2



000000



9DDBBD



B9F8D9



D5FFF6



F2FFFF



1B573F



1B573F

■ 12573C

■ 245742

■ 0A5738

■ 2C5746

■ 015735

■ 355749

■ 005734

■ 3E574D

■ 475750

■ 4F5754

■ 585757

■ 61575B

■ 69575E

# Harmonies

## Analogous

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



3A542C



1B573F



005855

# Triad

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



1B573F



394C77



724031

# Complementary

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



1B573F



571B33

# 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.



753B45



1B573F



5A446D

# Square

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



1B573F



005375



6E3D5B



654724

# Rectangle

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



1B573F



005763



6E3D5B



743E38



# Sweetspot

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



1B573F



597067



33571B



2A3832



B8B8B8



383838



# Same Dimension

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



1B573F



13704B



1B5157



272B2A



006B40



00EB8D



# Inverse Universe

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



571B33



701338



57211B



2B2729



6B002B

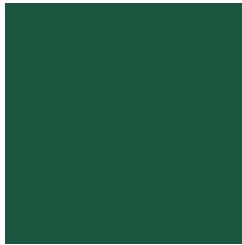


EB005E



# Previews

## White Background



This preview shows how the Hex color 1B573F looks on a white background.

## Color Contrast Check

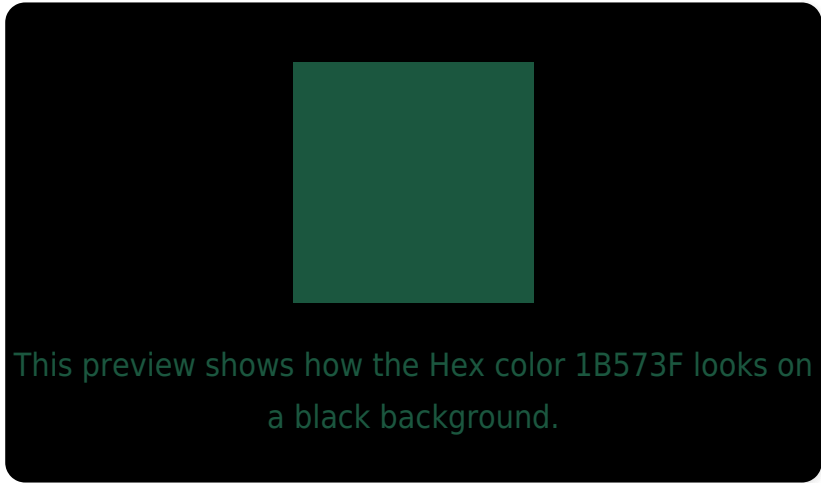
Large Text (above 18pt) WCAG AA ✓ Pass

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

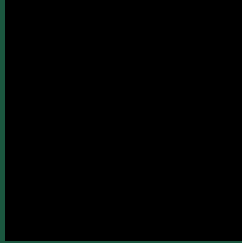
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1B573F Background



This preview shows how black text looks on a background with the Hex color 1B573F.



This preview shows how white text looks on a background with the Hex color 1B573F.

# 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](#).

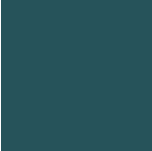
## Dichromacy



**Original Color**  
1B573F

**Protanopia**  
524D3A

**Deuteranopia**  
584A42



**Tritanopia**  
26535A

# Trichromacy



**Original Color**  
1B573F

**Protanomaly**  
3E513C

**Deuteranomaly**  
424F41

**Tritanomaly**  
225450

# Monochromacy



**Original Color**  
1B573F

**Achromatopsia**  
424242

**Achromatomaly**  
344A41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1B573F 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 #1B573F looks like.

```
.text, #text, p{  
    color:#1B573F  
}
```

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 #1B573F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B573F
}
```

## Border

The CSS property to change the border of an element to Hex 1B573F 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
#1B573F }
```

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

```
.border{ border-color:#1B573F }
```

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

Here you see how a box with a 4 pixel #1B573F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B573F; -webkit-box-shadow:4px 4px  
4px 4px #1B573F; box-shadow:4px 4px 4px  
4px #1B573F }
```

# Background

The CSS property to change the background color of an element to Hex 1B573F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B573F }
```

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

```
.background{ background-color:#1B573F }
```

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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