

Converting Colors

Hex(1B4873)

Have a look what the booklet for
Hex(1B4873) contains.

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Color

Hex(1B4873)

Conversions

Conversions Part 1

Format	Color
Hex	1B4873
RGB	27, 72, 115
RGB Percent	11%, 28%, 45%
CMY	0.8941, 0.7176, 0.5490
CMYK	0.77, 0.37, 0.00, 0.55
HSL	209°, 62%, 28%
HSV	209°, 77%, 45%
XYZ	5.8639, 6.1055, 17.0891
YIQ	63.4470, -40.6230, 3.8330

Conversions

Conversions Part 2

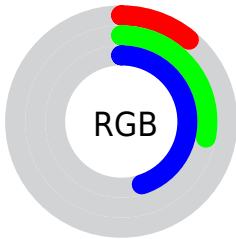
Format	Color
R_{YB}	27, 57, 115
Decimal	1788019
CIE Lab	29.68, 0.68, -29.13
CIE LCh	30, 29.136, 271.346
Yxy	6.1055, 0.2018, 0.2101
Android (android.graphics.Color)	4279978099 (0xFF1B4873)
YUV	63.4470, 25.4156, -31.9640
Hunter-Lab	24.7094, -0.8810, -23.7085




Details

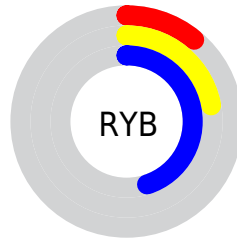
The Hex color **1B4873** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **73461B**, and the grayscale version is **3F3F3F**.




A 20% lighter version of the original color is **5478A7**, and **001D42** is the 20% darker color. If you saturate the color by 10%, you get **104273**, and if you desaturate by 10%, it is **274E73**.

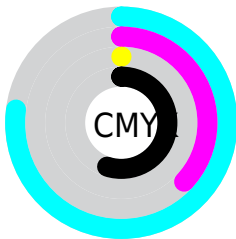
Distribution







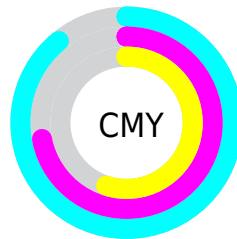
-  Red (11%)
-  Green (28%)
-  Blue (45%)






-  Red (11%)
-  Yellow (22%)
-  Blue (45%)



-  Cyan (77%)
-  Magenta (37%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (89%)
-  Magenta (72%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B4873 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 1B4873 by changing the saturation by 10% instead.

■ 1B4873

■ 1B4873

FFFFFF

■ 00325A

■ 5478A7

■ 001D42

■ 6F92C3

■ 00032C

■ 8AACDF

■ 000117

■ A5C8FB

■ 000000

■ C2E4FF

■ DEFFFF

■ FFFFFFFF

■ 1B4873

■ 1B4873

■ 104273

■ 274E73

■ 043D73

■ 325373

■ 003B73

■ 3E5973

■ 495E73

■ 556473

■ 606A73

■ 6C6F73

■ 777573

■ 837B73

Harmonies

Analogous

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



004E6D



1B4873



48406D

Triad

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



1B4873



6F3530



1C4F2F

Complementary

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



1B4873



73461B

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.



3B4B1D



1B4873



643D1E

Square

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



1B4873



6F3246



524517



005146

Rectangle

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



1B4873



5B3A62



524517



284E29

Sweetspot

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



1B4873



748696



1B7346



37424D



CCCCCC



4D4D4D

Same Dimension

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



1B4873



0C5396



1B1C73



35383B



003F7A



0080FA

Inverse Universe

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



731B48



960C53



73721B



3B3538



7A003F



FA0080

Previews

White Background



This preview shows how the Hex color 1B4873 looks on a white background.

Color Contrast Check

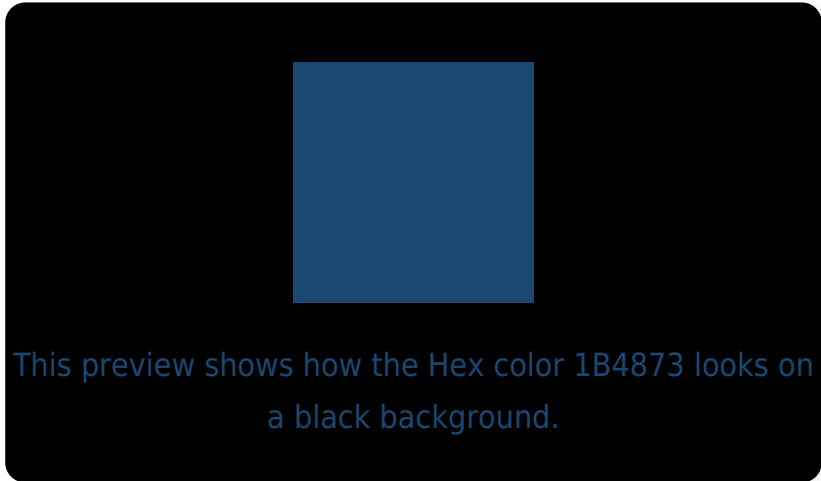
Large Text (above 18pt) WCAG AA ✓ Pass

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 1B4873 Background



This preview shows how black text looks on a background with the Hex color 1B4873.



This preview shows how white text looks on a background with the Hex color 1B4873.

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
004E54

Trichromacy



Original Color
1B4873

Protanomaly
2C4571

Deuteranomaly
234773

Tritanomaly
0A4C5F

Monochromacy



Original Color
1B4873

Achromatopsia
3F3F3F

Achromatomaly
324252

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B4873 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 #1B4873 looks like.

```
.text, #text, p{  
    color:#1B4873  
}
```

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 #1B4873 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B4873  
}
```

Border

The CSS property to change the border of an element to Hex 1B4873 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  
#1B4873 }
```

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

```
.border{ border-color:#1B4873 }
```

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

Here you see how a box with a 4 pixel #1B4873 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B4873; -webkit-box-shadow:4px 4px  
4px 4px #1B4873; box-shadow:4px 4px 4px  
4px #1B4873 }
```

Background

The CSS property to change the background color of an element to Hex 1B4873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B4873 }
```

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

```
.background{ background-color:#1B4873 }
```

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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