

Converting Colors

Hex(1B3865)

Have a look what the booklet for
Hex(1B3865) contains.

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Color

Hex(1B3865)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 1B3865 |
| RGB | 27, 56, 101 |
| RGB Percent | 11%, 22%, 40% |
| CMY | 0.8941, 0.7804, 0.6039 |
| CMYK | 0.73, 0.45, 0.00, 0.60 |
| HSL | 216°, 58%, 25% |
| HSV | 216°, 73%, 40% |
| XYZ | 4.2151, 4.0009, 12.8620 |
| YIQ | 52.4590, -31.7290, 7.8470 |

Conversions

Conversions Part 2

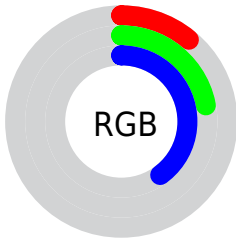
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 27, 48, 101 |
| Decimal | 1783909 |
| CIE _{Lab} | 23.67, 5.97, -29.73 |
| CIE _{LCh} | 24, 30.322, 281.356 |
| Yxy | 4.0009, 0.2000, 0.1898 |
| Android (android.graphics.Color) | 4279973989 (0xFF1B3865) |
| YUV | 52.4590, 23.9307, -22.3275 |
| Hunter-Lab | 20.0024, 2.6115, -24.1233 |




Details

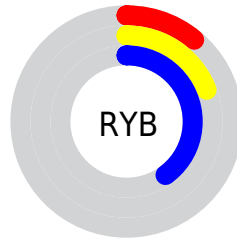
The Hex color **1B3865** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **65481B**, and the grayscale version is **343434**.




A 20% lighter version of the original color is **516698**, and **000D36** is the 20% darker color. If you saturate the color by 10%, you get **113265**, and if you desaturate by 10%, it is **253E65**.

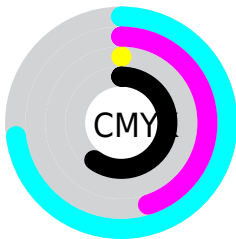
Distribution







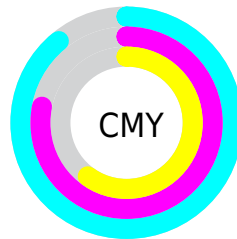
-  Red (11%)
-  Green (22%)
-  Blue (40%)






-  Red (11%)
-  Yellow (19%)
-  Blue (40%)



-  Cyan (73%)
-  Magenta (45%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (89%)
-  Magenta (78%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B3865 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 1B3865 by changing the saturation by 10% instead.



1B3865



1B3865

FFFFFF



00234D



516698



000D36



6B7FB3



000220



8599CF



000004



A1B4EB



000000



BCD0FF



D9ECFF



F6FFFF



1B3865



1B3865

■ 113265

■ 253E65

■ 072C65

■ 2F4465

■ 002865

■ 394A65

■ 435165

■ 4E5765

■ 585D65

■ 626365

■ 6C6965

■ 766F65

Harmonies

Analogous

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



003F63



1B3865



452F5B

Triad

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



1B3865



5D291B



004229

Complementary

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



1B3865



65481B

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.



233F14



1B3865



50320B

Square

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



1B3865



622331



3C3A06



004341

Rectangle

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



1B3865



55284F



3C3A06



074222

Sweetspot

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



1B3865



657182



1B6547



313842



C2C2C2



424242

Same Dimension

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



1B3865



103C82



221B65



2E3033



002D73



005FF2

Inverse Universe

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



651B38



82103C



5E651B



332E30



73002D



F2005F

Previews

White Background



This preview shows how the Hex color 1B3865 looks on a white background.

Color Contrast Check

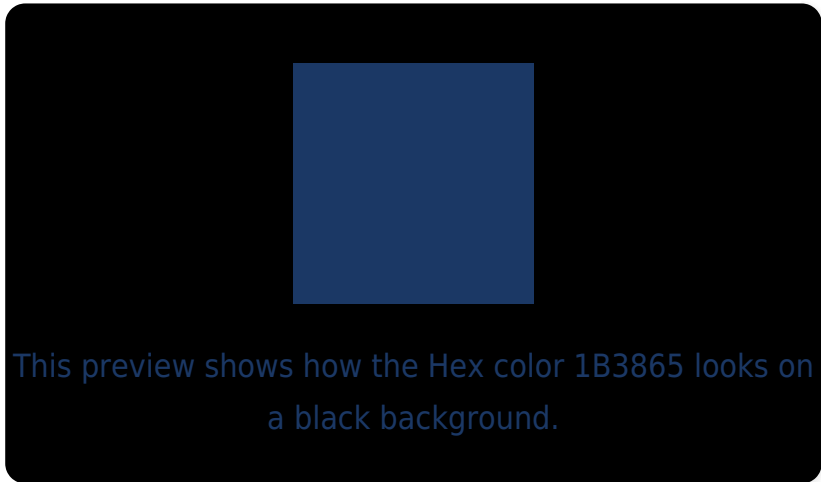
Large Text (above 18pt) WCAG AA ✓ Pass

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

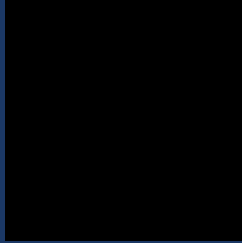
Any Text WCAG AA × Fail

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 1B3865 Background



This preview shows how black text looks on a background with the Hex color 1B3865.



This preview shows how white text looks on a background with the Hex color 1B3865.

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

1B3865

Protanopia

233764

Deuteranopia

0D3965



Tritanopia
003F43

Trichromacy



Original Color
1B3865

Protanomaly
203764

Deuteranomaly
123965

Tritanomaly
0A3C4F

Monochromacy



Original Color
1B3865

Achromatopsia
343434

Achromatomaly
2B3546

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B3865 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 #1B3865 looks like.

```
.text, #text, p{  
    color:#1B3865  
}
```

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 #1B3865 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B3865
}
```

Border

The CSS property to change the border of an element to Hex 1B3865 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".

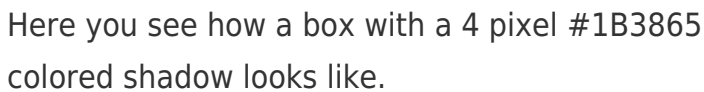
```
.border, #border, table{ border:4px solid
#1B3865 }
```

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

```
.border{ border-color:#1B3865 }
```

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

Here you see how a box with a 4 pixel #1B3865 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B3865; -webkit-box-shadow:4px 4px  
4px 4px #1B3865; box-shadow:4px 4px 4px  
4px #1B3865 }
```

Background

The CSS property to change the background color of an element to Hex 1B3865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B3865 }
```

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

```
.background{ background-color:#1B3865 }
```

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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