

Converting Colors

Hex(1B436D)

Have a look what the booklet for
Hex(1B436D) contains.

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Color

Hex(1B436D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 1B436D |
| RGB | 27, 67, 109 |
| RGB Percent | 11%, 26%, 43% |
| CMY | 0.8941, 0.7373, 0.5725 |
| CMYK | 0.75, 0.39, 0.00, 0.57 |
| HSL | 211°, 60%, 27% |
| HSV | 211°, 75%, 43% |
| XYZ | 5.2195, 5.3514, 15.2258 |
| YIQ | 59.8280, -37.3220, 4.5820 |

Conversions

Conversions Part 2

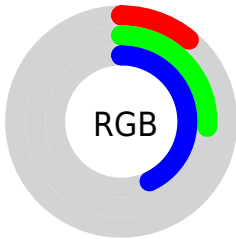
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 27, 54, 109 |
| Decimal | 1786733 |
| CIE _{Lab} | 27.71, 1.63, -28.44 |
| CIE _{LCh} | 28, 28.488, 273.278 |
| Yxy | 5.3514, 0.2023, 0.2074 |
| Android (android.graphics.Color) | 4279976813 (0xFF1B436D) |
| YUV | 59.8280, 24.2418, -28.7902 |
| Hunter-Lab | 23.1332, -0.2087, -22.8303 |




Details

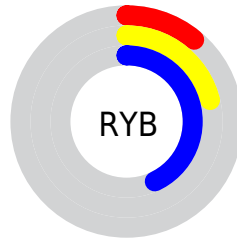
The Hex color **1B436D** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6D451B**, and the grayscale version is **3C3C3C**.




A 20% lighter version of the original color is **5273A1**, and **00193D** is the 20% darker color. If you saturate the color by 10%, you get **103D6D**, and if you desaturate by 10%, it is **26496D**.

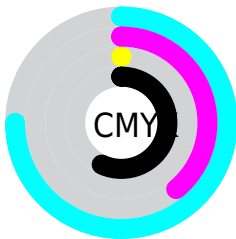
Distribution







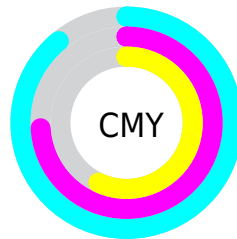
-  Red (11%)
-  Green (26%)
-  Blue (43%)






-  Red (11%)
-  Yellow (21%)
-  Blue (43%)



-  Cyan (75%)
-  Magenta (39%)
-  Yellow (0%)
-  Black (57%)



-  Cyan (89%)
-  Magenta (74%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B436D 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 1B436D by changing the saturation by 10% instead.

■ 1B436D

■ 1B436D

FFFFFF

■ 002D54

■ 5273A1

■ 00193D

■ 6D8CBC

■ 000327

■ 88A6D8

■ 000110

■ A3C1F4

■ 000000

■ BFDDFF

■ DCFAFF

■ F9FFFF

■ 1B436D

■ 1B436D

■ 103D6D

■ 26496D

■ 05386D

■ 314E6D

■ 00356D

■ 3C546D

■ 47596D

■ 525F6D

■ 5C646D

■ 676A6D

■ 72706D

■ 7D756D

Harmonies

Analogous

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



004968



1B436D



463B66

Triad

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



1B436D



68312B



164B2D

Complementary

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



1B436D



6D451B

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.



35471B



1B436D



5D391A

Square

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



1B436D



692E40



4C4113



004C43

Rectangle

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



1B436D



58355C



4C4113



224A26

Sweetspot

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



1B436D



6E7E8F



1B6D44



333D47



C7C7C7



474747

Same Dimension

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



1B436D



0E4D8F



1B1B6D



303336



003975



0077F5

Inverse Universe

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



6D1B43



8F0E4D



6D6D1B



363033



750039



F50077

Previews

White Background



This preview shows how the Hex color 1B436D looks on a white background.

Color Contrast Check

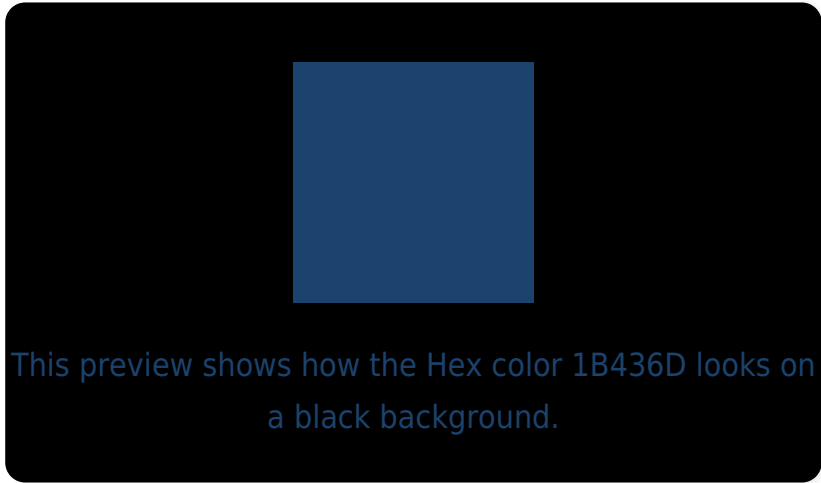
Large Text (above 18pt) WCAG AA ✓ Pass

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 1B436D Background



This preview shows how black text looks on a background with the Hex color 1B436D.



This preview shows how white text looks on a background with the Hex color 1B436D.

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
1B436D

Protanopia
31406A

Deuteranopia
24426D

Trichromacy



Original Color
1B436D

Protanomaly
29416B

Deuteranomaly
21426D

Tritanomaly
0A4759

Monochromacy



Original Color
1B436D

Achromatopsia
3C3C3C

Achromatomaly
303F4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B436D 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 #1B436D looks like.

```
.text, #text, p{  
    color:#1B436D  
}
```

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 #1B436D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B436D
}
```

Border

The CSS property to change the border of an element to Hex 1B436D 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
#1B436D }
```

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

```
.border{ border-color:#1B436D }
```

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

Here you see how a box with a 4 pixel #1B436D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B436D; -webkit-box-shadow:4px 4px  
4px 4px #1B436D; box-shadow:4px 4px 4px  
4px #1B436D }
```

Background

The CSS property to change the background color of an element to Hex 1B436D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B436D }
```

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

```
.background{ background-color:#1B436D }
```

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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