

# Converting Colors

Hex(1B5C83)

Have a look what the booklet for  
Hex(1B5C83) contains.

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# Color

Hex(1B5C83)

# Conversions

## Conversions Part 1

Format	Color
Hex	1B5C83
RGB	27, 92, 131
RGB Percent	11%, 36%, 51%
CMY	0.8941, 0.6392, 0.4863
CMYK	0.79, 0.30, 0.00, 0.49
HSL	202°, 66%, 31%
HSV	202°, 79%, 51%
XYZ	8.3759, 9.5260, 22.8700
YIQ	77.0110, -51.2590, -1.6510

# Conversions

## Conversions Part 2

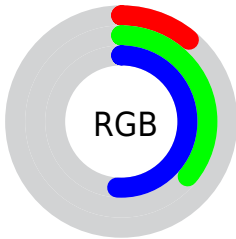
Format	Color
<b>R<sub>YB</sub></b>	27, 67, 131
Decimal	1793155
CIE Lab	36.98, -5.85, -27.55
CIE LCh	37, 28.160, 258.008
Yxy	9.5260, 0.2054, 0.2336
Android (android.graphics.Color)	4279983235 (0xFF1B5C83)
YUV	77.0110, 26.6166, -43.8596
Hunter-Lab	30.8642, -5.5714, -22.3282

# Details

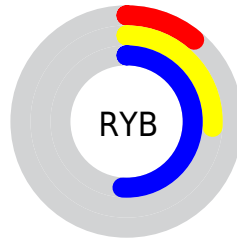
The Hex color **1B5C83** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **83421B**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **588EB8**, and **002E51** is the 20% darker color. If you saturate the color by 10%, you get **0E5783**, and if you desaturate by 10%, it is **286183**.

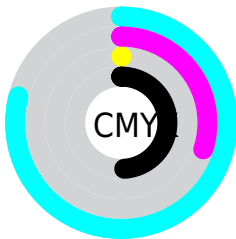
# Distribution



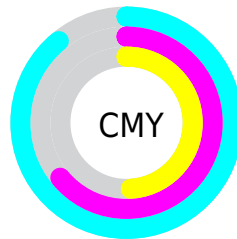
- Red (11%)
- Green (36%)
- Blue (51%)



- Red (11%)
- Yellow (26%)
- Blue (51%)



- Cyan (79%)
- Magenta (30%)
- Yellow (0%)
- Black (49%)



- Cyan (89%)
- Magenta (64%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1B5C83 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 1B5C83 by changing the saturation by 10% instead.



■ 1B5C83

■ 1B5C83

FFFFFF

■ 00456A

■ 588EB8

■ 002E51

■ 74A8D4

■ 001A3A

■ 8FC4F0

■ 000224

■ ACE0FF

■ 00000C

■ C8FCFF

■ 000000

■ E5FFFF

■ 1B5C83

■ 1B5C83

■ 0E5783

■ 286183

015283

356683

005283

426B83

4F7083

5D7583

6A7983

777E83

848383

918883

# Harmonies

## Analogous

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



006178



1B5C83



4B5582

# Triad

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



1B5C83



82454A



3E5F38

# Complementary

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



1B5C83



83421B

# 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.



575A2B



1B5C83



7C4A36

# Square

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



1B5C83



7D4661



6D532A



1B624D

# Rectangle

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



1B5C83



614F7B



6D532A



475E32



# Sweetspot

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



1B5C83



829BAB



1B8341



3E4D57



D6D6D6



575757



# Same Dimension

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



1B5C83



096EAB



1B2983



3C4042



005182



000203



# Inverse Universe

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



831B5C



AB096E



83751B



423C40



820051



030002



# Previews

## White Background



This preview shows how the Hex color 1B5C83 looks on a white background.

## Color Contrast Check

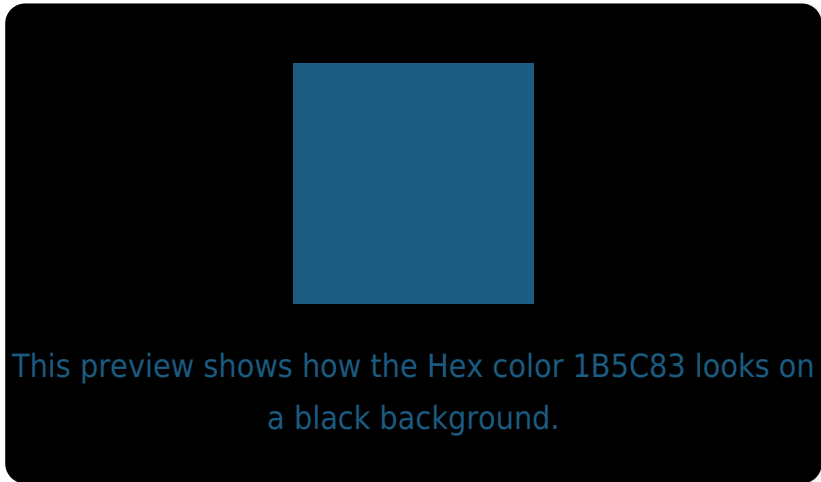
Large Text (above 18pt) WCAG AA ✓ Pass

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

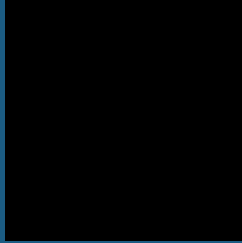
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1B5C83 Background



This preview shows how black text looks on a background with the Hex color 1B5C83.



This preview shows how white text looks on a background with the Hex color 1B5C83.

# Color Blindness Simulation

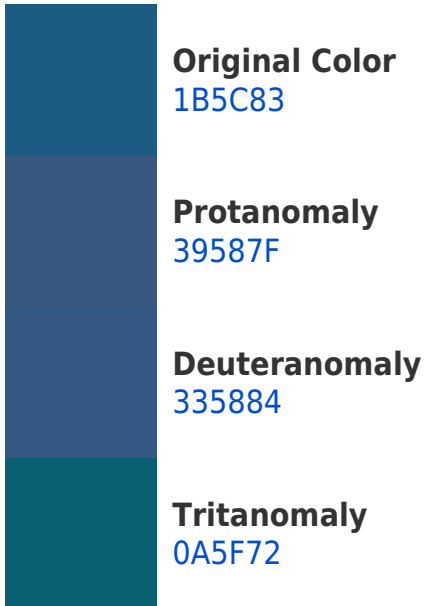
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1B5C83 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 #1B5C83 looks like.

```
.text, #text, p{  
    color:#1B5C83  
}
```

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 #1B5C83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B5C83
}
```

## Border

The CSS property to change the border of an element to Hex 1B5C83 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
#1B5C83 }
```

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

```
.border{ border-color:#1B5C83 }
```

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

Here you see how a box with a 4 pixel #1B5C83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B5C83; -webkit-box-shadow:4px 4px  
4px 4px #1B5C83; box-shadow:4px 4px 4px  
4px #1B5C83 }
```

# Background

The CSS property to change the background color of an element to Hex 1B5C83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B5C83 }
```

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

```
.background{ background-color:#1B5C83 }
```

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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