

Converting Colors

Hex(1B5E89)

Have a look what the booklet for
Hex(1B5E89) contains.

Hex(1B5E89)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1B5E89)

Conversions

Conversions Part 1

Format	Color
Hex	1B5E89
RGB	27, 94, 137
RGB Percent	11%, 37%, 54%
CMY	0.8941, 0.6314, 0.4627
CMYK	0.80, 0.31, 0.00, 0.46
HSL	203°, 67%, 32%
HSV	203°, 80%, 54%
XYZ	8.9701, 10.0446, 25.1329
YIQ	78.8690, -53.7350, -0.8310

Conversions

Conversions Part 2

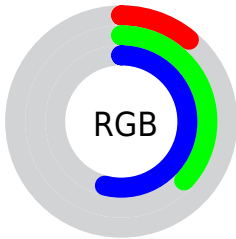
Format	Color
R_{YB}	27, 69, 137
Decimal	1793673
CIE _{Lab}	37.92, -4.78, -29.72
CIE _{LCh}	38, 30.097, 260.862
Yxy	10.0446, 0.2032, 0.2275
Android (android.graphics.Color)	4279983753 (0xFF1B5E89)
YUV	78.8690, 28.6586, -45.4891
Hunter-Lab	31.6932, -4.9425, -24.8322

Details

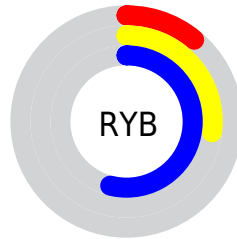
The Hex color **1B5E89** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **89461B**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **5990BF**, and **003057** is the 20% darker color. If you saturate the color by 10%, you get **0D5989**, and if you desaturate by 10%, it is **296389**.

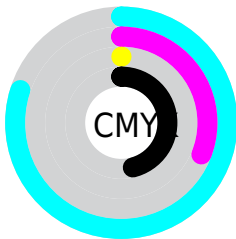
Distribution



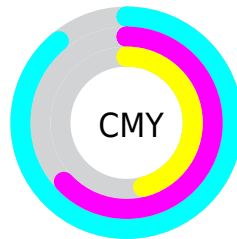
- Red (11%)
- Green (37%)
- Blue (54%)



- Red (11%)
- Yellow (27%)
- Blue (54%)



- Cyan (80%)
- Magenta (31%)
- Yellow (0%)
- Black (46%)



- Cyan (89%)
- Magenta (63%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B5E89 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 1B5E89 by changing the saturation by 10% instead.

■ 1B5E89

■ 1B5E89

FFFFFF

■ 00476F

■ 5990BF

■ 003057

■ 75ABDB

■ 001C3F

■ 91C6F7

■ 000329

■ AEE2FF

■ 000113

■ CAFEFF

■ 000000

■ E7FFFF

■ 1B5E89

■ 1B5E89

■ 0D5989

■ 296389

■ 005389

■ 366989

■ 446E89

■ 527389

■ 607989

■ 6D7E89

■ 7B8389

■ 898989

■ 968E89

Harmonies

Analogous

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



00637E



1B5E89



505687

Triad

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



1B5E89



874649



3B623A

Complementary

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



1B5E89



89461B

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.



575D2A



1B5E89



804C34

Square

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



1B5E89



834662



6E5528



0E6551

Rectangle

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



1B5E89



674F7E



6E5528



456133

Sweetspot

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



1B5E89



88A2B3



1B8945



3F4F59



D9D9D9



595959

Same Dimension

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



1B5E89



0770B3



1B2889



3E4245



005185



000305

Inverse Universe

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



891B5E



B30770



897C1B



453E42



850051



050003

Previews

White Background



This preview shows how the Hex color 1B5E89 looks on a white background.

Color Contrast Check

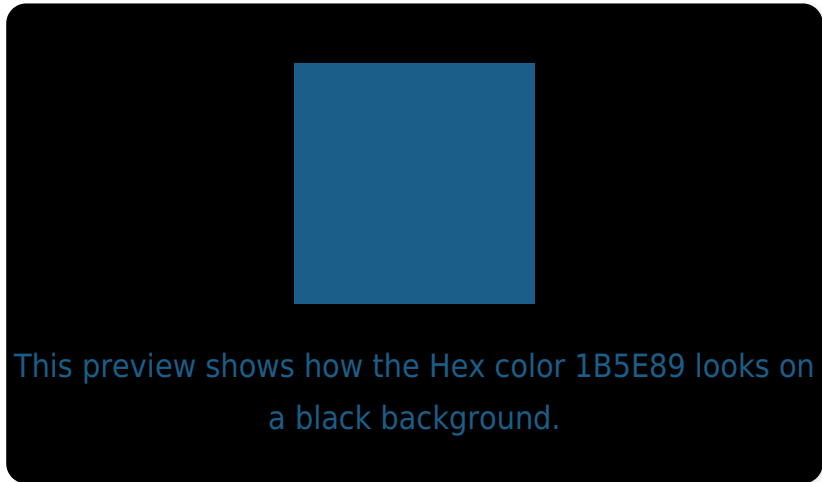
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 1B5E89 Background



This preview shows how black text looks on a background with the Hex color 1B5E89.

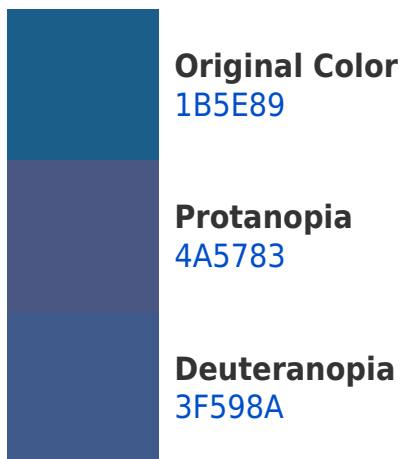


This preview shows how white text looks on a background with the Hex color 1B5E89.

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](#).

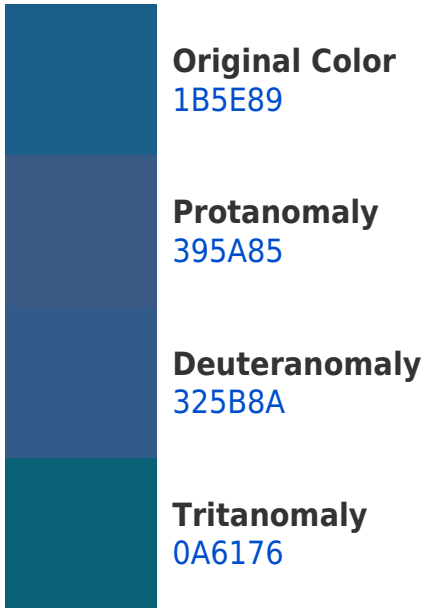
Dichromacy





Tritanopia
00636B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1B5E89 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 #1B5E89 looks like.

```
.text, #text, p{  
    color:#1B5E89  
}
```

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 #1B5E89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B5E89
}
```

Border

The CSS property to change the border of an element to Hex 1B5E89 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
#1B5E89 }
```

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

```
.border{ border-color:#1B5E89 }
```

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

Here you see how a box with a 4 pixel #1B5E89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B5E89; -webkit-box-shadow:4px 4px  
4px 4px #1B5E89; box-shadow:4px 4px 4px  
4px #1B5E89 }
```

Background

The CSS property to change the background color of an element to Hex 1B5E89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B5E89 }
```

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

```
.background{ background-color:#1B5E89 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor