

Converting Colors

Hex(1B6194)

Have a look what the booklet for
Hex(1B6194) contains.

Hex(1B6194)	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(1B6194)

Conversions

Conversions Part 1

Format	Color
Hex	1B6194
RGB	27, 97, 148
RGB Percent	11%, 38%, 58%
CMY	0.8941, 0.6196, 0.4196
CMYK	0.82, 0.34, 0.00, 0.42
HSL	205°, 69%, 34%
HSV	205°, 82%, 58%
XYZ	10.0720, 10.9205, 29.5940
YIQ	81.8840, -58.0910, 1.0210

Conversions

Conversions Part 2

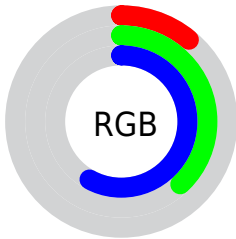
Format	Color
R_{YB}	27, 71, 148
Decimal	1794452
CIE _{Lab}	39.45, -2.38, -33.96
CIE _{LCh}	39, 34.039, 265.982
Yxy	10.9205, 0.1991, 0.2159
Android (android.graphics.Color)	4279984532 (0xFF1B6194)
YUV	81.8840, 32.5952, -48.1333
Hunter-Lab	33.0462, -3.4268, -29.9639

Details

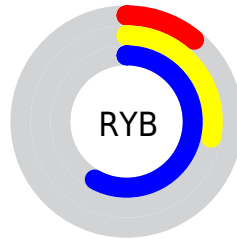
The Hex color **1B6194** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **944E1B**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **5C93CA**, and **003361** is the 20% darker color. If you saturate the color by 10%, you get **0C5B94**, and if you desaturate by 10%, it is **2A6794**.

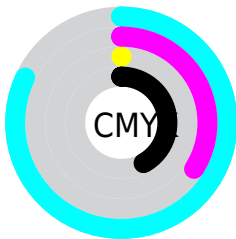
Distribution



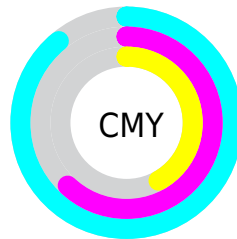
- Red (11%)
- Green (38%)
- Blue (58%)



- Red (11%)
- Yellow (28%)
- Blue (58%)



- Cyan (82%)
- Magenta (34%)
- Yellow (0%)
- Black (42%)



- Cyan (89%)
- Magenta (62%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B6194 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 1B6194 by changing the saturation by 10% instead.

■ 1B6194

■ 1B6194

FFFFFF

■ 00497A

■ 5C93CA

■ 003361

■ 78AEE7

■ 001F49

■ 95C9FF

■ 000432

■ B1E5FF

■ 00021C

■ CEFFFF

■ 000000

■ ECFFFF

■ 1B6194

■ 1B6194

■ 0C5B94

■ 2A6794

005694

396D94

477494

567A94

658094

748694

838D94

919394

A09994

Harmonies

Analogous

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



00688A



1B6194



59578F

Triad

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



1B6194



904746



32683D

Complementary

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



1B6194



944E1B

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.



556329



1B6194



855030

Square

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



1B6194



8E4562



705A24



006B58

Rectangle

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



1B6194



725084



705A24



3F6635

Sweetspot

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



1B6194



8FABBF



1B944D



445561



E0E0E0



616161

Same Dimension

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



1B6194



0470BF



1B2594



43474A



00508A



00060A

Inverse Universe

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



941B61



BF0470



948A1B



4A4347



8A0050



0A0006

Previews

White Background



This preview shows how the Hex color 1B6194 looks on a white background.

Color Contrast Check

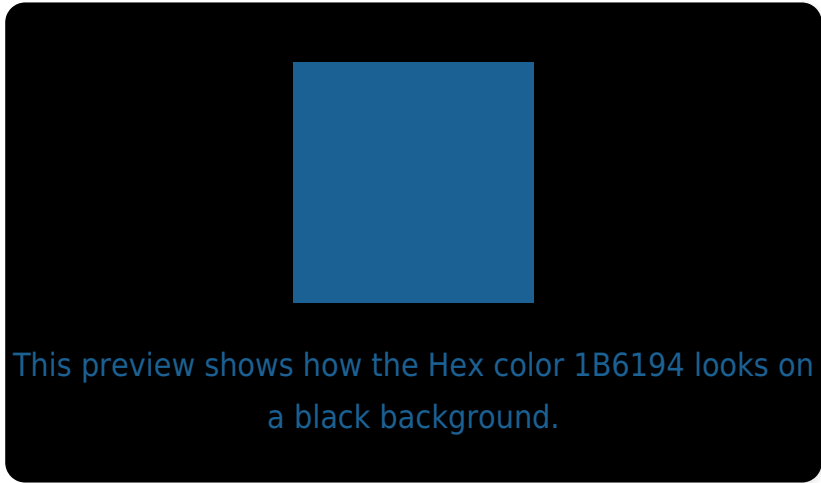
Large Text (above 18pt) WCAG AA ✓ Pass

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

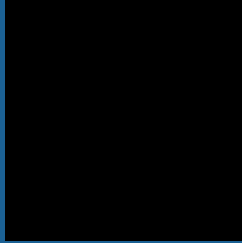
Any Text WCAG AA × Fail

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 1B6194 Background



This preview shows how black text looks on a background with the Hex color 1B6194.

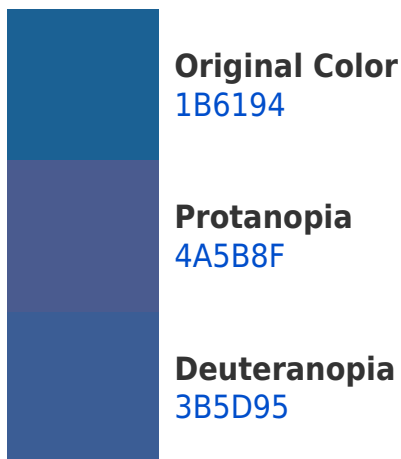


This preview shows how white text looks on a background with the Hex color 1B6194.

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](#).

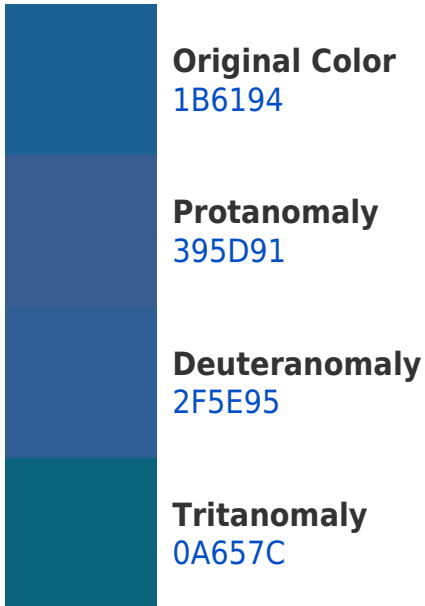
Dichromacy



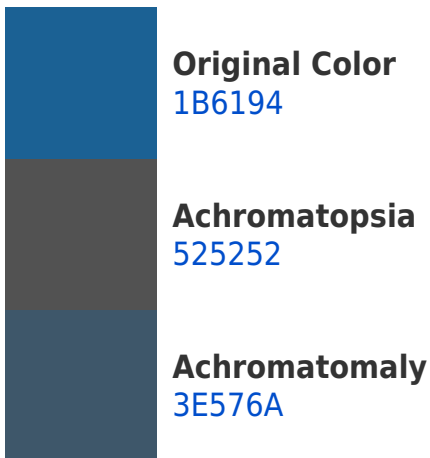


Tritanopia
00676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1B6194 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 #1B6194 looks like.

```
.text, #text, p{  
    color:#1B6194  
}
```

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 #1B6194 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B6194
}
```

Border

The CSS property to change the border of an element to Hex 1B6194 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
#1B6194 }
```

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

```
.border{ border-color:#1B6194 }
```

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

Here you see how a box with a 4 pixel #1B6194 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B6194; -webkit-box-shadow:4px 4px  
4px 4px #1B6194; box-shadow:4px 4px 4px  
4px #1B6194 }
```

Background

The CSS property to change the background color of an element to Hex 1B6194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B6194 }
```

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

```
.background{ background-color:#1B6194 }
```

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