

Converting Colors

Hex(1B6EA5)

Have a look what the booklet for
Hex(1B6EA5) contains.

Hex(1B6EA5)	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(1B6EA5)

Conversions

Conversions Part 1

Format	Color
Hex	1B6EA5
RGB	27, 110, 165
RGB Percent	11%, 43%, 65%
CMY	0.8941, 0.5686, 0.3529
CMYK	0.84, 0.33, 0.00, 0.35
HSL	204°, 72%, 38%
HSV	204°, 84%, 65%
XYZ	12.8195, 14.1015, 37.6435
YIQ	91.4530, -67.1230, -0.4910

Conversions

Conversions Part 2

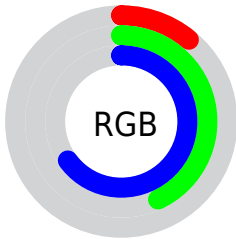
Format	Color
R_{YB}	27, 79, 165
Decimal	1797797
CIE _{Lab}	44.38, -3.83, -36.27
CIE _{LCh}	44, 36.471, 263.967
Yxy	14.1015, 0.1986, 0.2184
Android (android.graphics.Color)	4279987877 (0xFF1B6EA5)
YUV	91.4530, 36.2587, -56.5253
Hunter-Lab	37.5519, -4.7797, -33.1482

Details

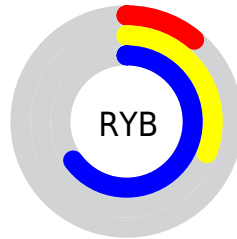
The Hex color **1B6EA5** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A5521B**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **60A1DC**, and **003F71** is the 20% darker color. If you saturate the color by 10%, you get **0A67A5**, and if you desaturate by 10%, it is **2B75A5**.

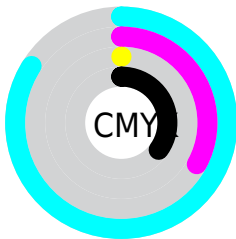
Distribution



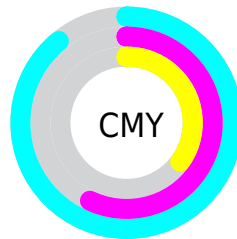
- Red (11%)
- Green (43%)
- Blue (65%)



- Red (11%)
- Yellow (31%)
- Blue (65%)



- Cyan (84%)
- Magenta (33%)
- Yellow (0%)
- Black (35%)



- Cyan (89%)
- Magenta (57%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B6EA5 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 1B6EA5 by changing the saturation by 10% instead.

1B6EA5

1B6EA5

FFFFFF

00568A

60A1DC

003F71

7DBC9F

002958

9AD8FF

001540

B7F4FF

00032A

D5FFFF

000114

F3FFFF

000000

1B6EA5

1B6EA5

0A67A5

2B75A5

0063A5

3C7BA5

4C82A5

5D88A5

6D8FA5

7E95A5

8E9CA5

9FA3A5

AFA9A5

Harmonies

Analogous

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



007599



1B6EA5



6163A0

Triad

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



1B6EA5



A15152



3E7544

Complementary

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



1B6EA5



A5521B

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.



636F2F



1B6EA5



965A39

Square

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



1B6EA5



9E5070



80652B



007862

Rectangle

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



1B6EA5



7D5B95



80652B



4B733C

Sweetspot

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



1B6EA5



A1C1D6



1BA550



4B5E6B



EBEBEB



6B6B6B

Same Dimension

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



1B6EA5



0081D6



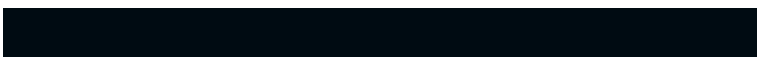
1B2BA5



494E52



005791



000B12

Inverse Universe

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



A51B6E



D60081



A5951B



52494E



910057



12000B

Previews

White Background



This preview shows how the Hex color 1B6EA5 looks on a white background.

Color Contrast Check

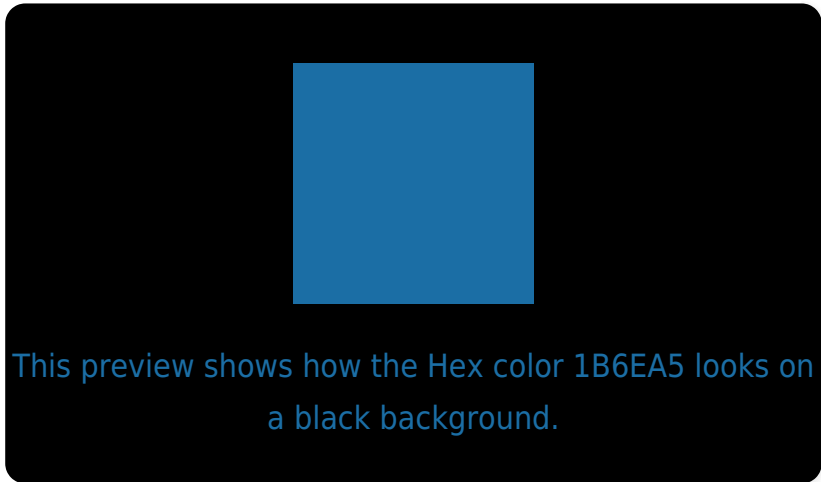
Large Text (above 18pt) WCAG AA ✓ Pass

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

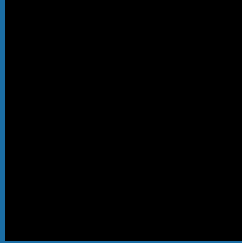
Any Text WCAG AA × Fail

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 1B6EA5 Background



This preview shows how black text looks on a background with the Hex color 1B6EA5.

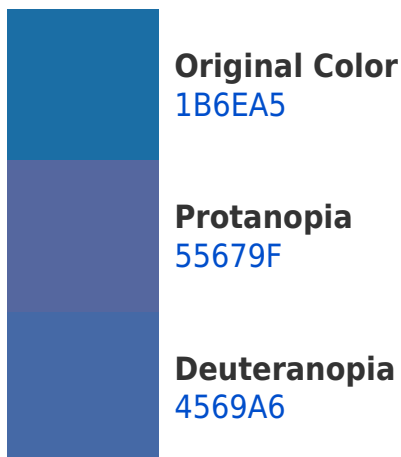


This preview shows how white text looks on a background with the Hex color 1B6EA5.

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](#).

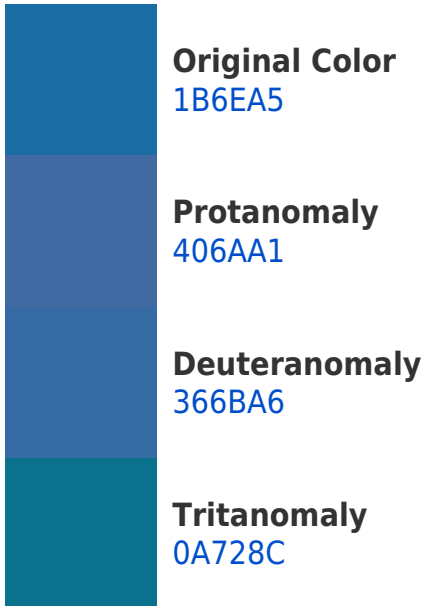
Dichromacy



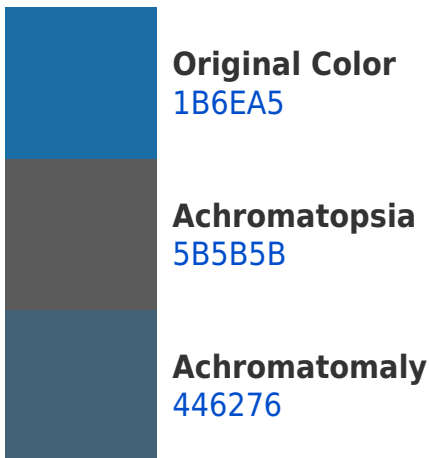


Tritanopia
00747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1B6EA5 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 #1B6EA5 looks like.

```
.text, #text, p{  
    color:#1B6EA5  
}
```

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 #1B6EA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B6EA5
}
```

Border

The CSS property to change the border of an element to Hex 1B6EA5 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
#1B6EA5 }
```

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

```
.border{ border-color:#1B6EA5 }
```

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

Here you see how a box with a 4 pixel #1B6EA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B6EA5; -webkit-box-shadow:4px 4px  
4px 4px #1B6EA5; box-shadow:4px 4px 4px  
4px #1B6EA5 }
```

Background

The CSS property to change the background color of an element to Hex 1B6EA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B6EA5 }
```

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

```
.background{ background-color:#1B6EA5 }
```

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