

Converting Colors

Hex(165AA3)

Have a look what the booklet for
Hex(165AA3) contains.

Hex(165AA3)	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(165AA3)

Conversions

Conversions Part 1

Format	Color
Hex	165AA3
RGB	22, 90, 163
RGB Percent	9%, 35%, 64%
CMY	0.9137, 0.6471, 0.3608
CMYK	0.87, 0.45, 0.00, 0.36
HSL	211°, 76%, 36%
HSV	211°, 87%, 64%
XYZ	10.5979, 10.1272, 36.0465
YIQ	77.9900, -63.9610, 8.2870

Conversions

Conversions Part 2

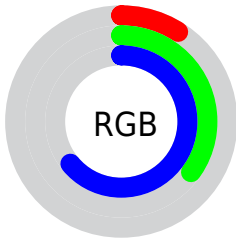
Format	Color
R_{YB}	22, 68, 163
Decimal	1464995
CIE _{Lab}	38.07, 7.60, -45.13
CIE _{LCh}	38, 45.767, 279.554
Yxy	10.1272, 0.1867, 0.1784
Android (android.graphics.Color)	4279655075 (0xFF165AA3)
YUV	77.9900, 41.9099, -49.1032
Hunter-Lab	31.8233, 3.7538, -44.8819

Details

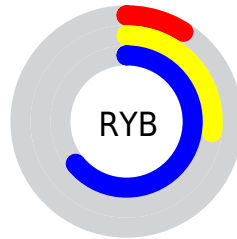
The Hex color **165AA3** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A35F16**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **5D8CDA**, and **002D6F** is the 20% darker color. If you saturate the color by 10%, you get **0652A3**, and if you desaturate by 10%, it is **2662A3**.

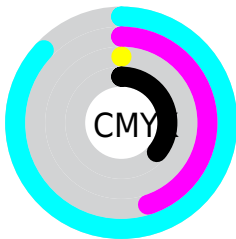
Distribution



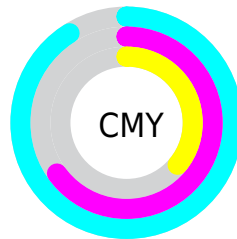
- Red (9%)
- Green (35%)
- Blue (64%)



- Red (9%)
- Yellow (27%)
- Blue (64%)



- Cyan (87%)
- Magenta (45%)
- Yellow (0%)
- Black (36%)



- Cyan (91%)
- Magenta (65%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 165AA3 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 165AA3 by changing the saturation by 10% instead.

■ 165AA3

■ 165AA3

FFFFFF

■ 004388

■ 5D8CDA

■ 002D6F

■ 7BA6F7

■ 001A56

■ 98C1FF

■ 00063E

■ B5DCFF

■ 000327

■ D2F9FF

■ 000111

■ F0FFFF

■ 000000

■ 165AA3

■ 165AA3

■ 0652A3

■ 2662A3

■ 004FA3

■ 376BA3

■ 4773A3

■ 577CA3

■ 6784A3

■ 788DA3

■ 8895A3

■ 989EA3

■ A9A6A3

Harmonies

Analogous

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



00659F



165AA3



6A4A93

Triad

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



165AA3



953F2C



00693E

Complementary

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



165AA3



A35F16

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.



38641B



165AA3



804E0E

Square

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



165AA3



9C344F



615C01



006B65

Rectangle

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



165AA3



853F80



615C01



006832

Sweetspot

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



165AA3



9DB7D4



16A35F



4A5A6B



EBEBEB



6B6B6B

Same Dimension

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



165AA3



0066D4



1816A3



494D52



004691



000912

Inverse Universe

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



A3165A



D40066



A1A316



52494D



910046



120009

Previews

White Background



This preview shows how the Hex color 165AA3 looks on a white background.

Color Contrast Check

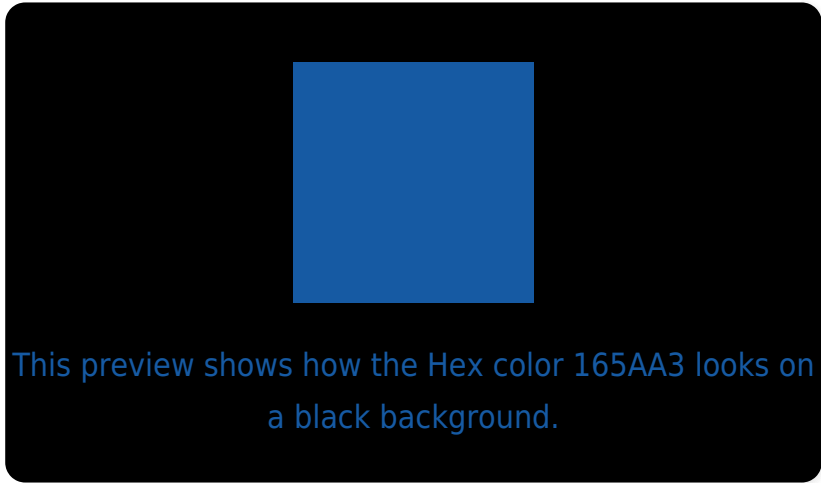
Large Text (above 18pt) WCAG AA ✓ Pass

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 165AA3 Background



This preview shows how black text looks on a background with the Hex color 165AA3.

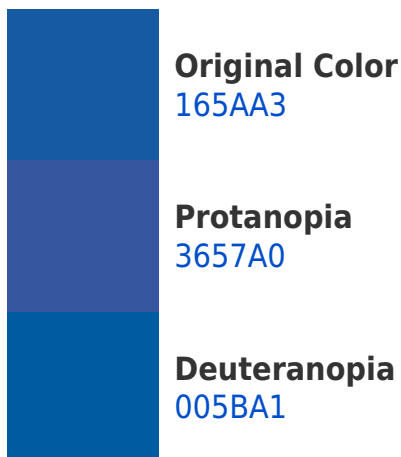


This preview shows how white text looks on a background with the Hex color 165AA3.

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](#).

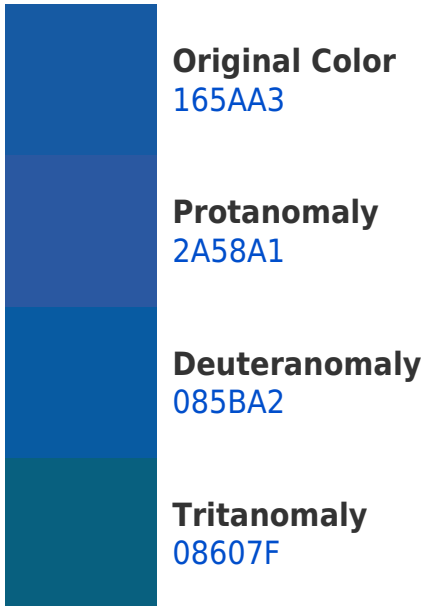
Dichromacy



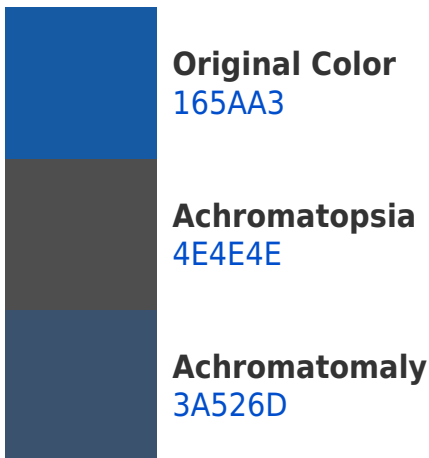


Tritanopia
00636A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 165AA3 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 #165AA3 looks like.

```
.text, #text, p{  
    color:#165AA3  
}
```

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 #165AA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #165AA3
}
```

Border

The CSS property to change the border of an element to Hex 165AA3 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
#165AA3 }
```

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

```
.border{ border-color:#165AA3 }
```

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

Here you see how a box with a 4 pixel #165AA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #165AA3; -webkit-box-shadow:4px 4px  
4px 4px #165AA3; box-shadow:4px 4px 4px  
4px #165AA3 }
```

Background

The CSS property to change the background color of an element to Hex 165AA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#165AA3 }
```

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

```
.background{ background-color:#165AA3 }
```

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