

Converting Colors

Hex(115AA8)

Have a look what the booklet for
Hex(115AA8) contains.

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Color

Hex(115AA8)

Conversions

Conversions Part 1

Format	Color
Hex	115AA8
RGB	17, 90, 168
RGB Percent	7%, 35%, 66%
CMY	0.9333, 0.6471, 0.3412
CMYK	0.90, 0.46, 0.00, 0.34
HSL	211°, 82%, 36%
HSV	211°, 90%, 66%
XYZ	10.9552, 10.2587, 38.4485
YIQ	77.0650, -68.5460, 8.7820

Conversions

Conversions Part 2

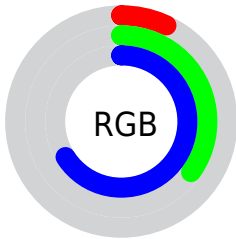
Format	Color
R_{YB}	17, 66, 168
Decimal	1137320
CIE _{Lab}	38.30, 9.27, -47.74
CIE _{LCh}	38, 48.629, 280.987
Yxy	10.2587, 0.1836, 0.1719
Android (android.graphics.Color)	4279327400 (0xFF115AA8)
YUV	77.0650, 44.8310, -52.6770
Hunter-Lab	32.0291, 5.0030, -48.7527

Details

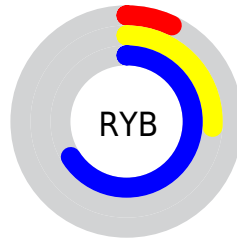
The Hex color **115AA8** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **A85F11**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **5D8BE0**, and **002E73** is the 20% darker color. If you saturate the color by 10%, you get **0051A8**, and if you desaturate by 10%, it is **2263A8**.

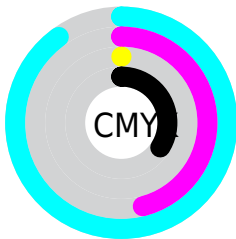
Distribution



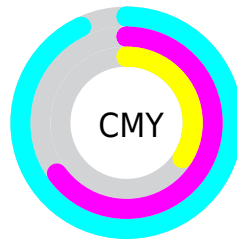
- Red (7%)
- Green (35%)
- Blue (66%)



- Red (7%)
- Yellow (26%)
- Blue (66%)



- Cyan (90%)
- Magenta (46%)
- Yellow (0%)
- Black (34%)



- Cyan (93%)
- Magenta (65%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 115AA8 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 115AA8 by changing the saturation by 10% instead.

■ 115AA8

■ 115AA8

FFFFFF

■ 00438D

■ 5D8BE0

■ 002E73

■ 7BA6FD

■ 001A5A

■ 98C1FF

■ 000642

■ B5DCFF

■ 00032B

■ D3F9FF

■ 000115

■ F1FFFF

■ 000000

■ 115AA8

■ 115AA8

■ 0051A8

■ 2263A8

■ 336BA8

■ 4374A8

■ 547DA8

■ 6585A8

■ 768EA8

■ 8797A8

■ 979FA8

■ A8A8A8

Harmonies

Analogous

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



0065A5



115AA8



6E4996

Triad

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



115AA8



983E28



006B3F

Complementary

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



115AA8



A85F11

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.



336618



115AA8



814F04

Square

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



115AA8



A0314D



5F5D00



006C68

Rectangle

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



115AA8



8A3C81



5F5D00



006932

Sweetspot

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



115AA8



A0BDD8



11A85D



4B5C6E



EDEDED



6E6E6E

Same Dimension

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



115AA8



006ADB



1111A8



4C5054



004894



000A14

Inverse Universe

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



A8115A



DB006A



A8A811



544C50



940048



14000A

Previews

White Background



This preview shows how the Hex color 115AA8 looks on a white background.

Color Contrast Check

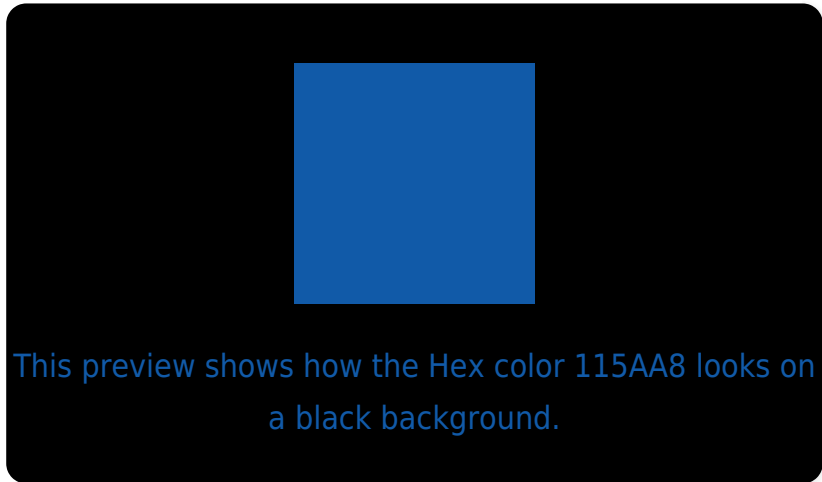
Large Text (above 18pt) WCAG AA ✓ Pass

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

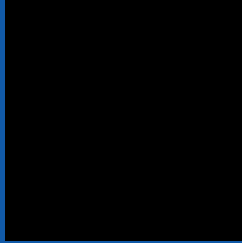
Any Text WCAG AA × Fail

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 115AA8 Background



This preview shows how black text looks on a background with the Hex color 115AA8.

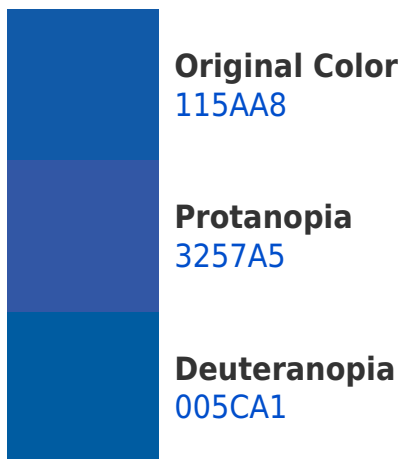


This preview shows how white text looks on a background with the Hex color 115AA8.

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](#).

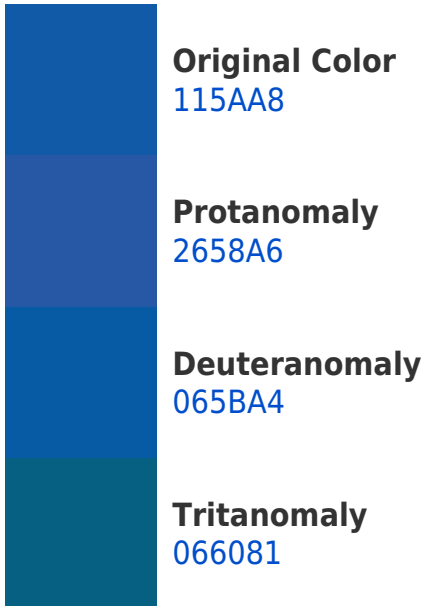
Dichromacy



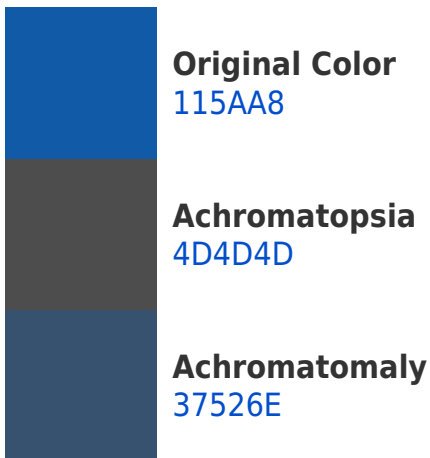


Tritanopia
00646B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 115AA8 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 #115AA8 looks like.

```
.text, #text, p{  
    color:#115AA8  
}
```

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 #115AA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #115AA8
}
```

Border

The CSS property to change the border of an element to Hex 115AA8 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
#115AA8 }
```

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

```
.border{ border-color:#115AA8 }
```

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

Here you see how a box with a 4 pixel #115AA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #115AA8; -webkit-box-shadow:4px 4px  
4px 4px #115AA8; box-shadow:4px 4px 4px  
4px #115AA8 }
```

Background

The CSS property to change the background color of an element to Hex 115AA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#115AA8 }
```

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

```
.background{ background-color:#115AA8 }
```

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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