

Converting Colors

Hex(114A9B)

Have a look what the booklet for
Hex(114A9B) contains.

Hex(114A9B)	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(114A9B)

Conversions

Conversions Part 1

Format	Color
Hex	114A9B
RGB	17, 74, 155
RGB Percent	7%, 29%, 61%
CMY	0.9333, 0.7098, 0.3922
CMYK	0.89, 0.52, 0.00, 0.39
HSL	215°, 80%, 34%
HSV	215°, 89%, 61%
XYZ	8.5963, 7.3833, 31.9824
YIQ	66.1910, -59.9730, 13.1070

Conversions

Conversions Part 2

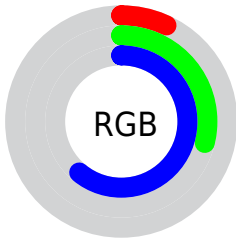
Format	Color
R_{YB}	17, 57, 155
Decimal	1133211
CIE _{Lab}	32.66, 14.68, -49.04
CIE _{LCh}	33, 51.194, 286.662
Yxy	7.3833, 0.1792, 0.1539
Android (android.graphics.Color)	4279323291 (0xFF114A9B)
YUV	66.1910, 43.7828, -43.1405
Hunter-Lab	27.1722, 8.9198, -50.7653

Details

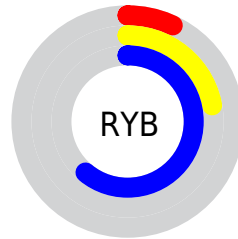
The Hex color **114A9B** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **9B6211**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **5A7AD2**, and **002067** is the 20% darker color. If you saturate the color by 10%, you get **01419B**, and if you desaturate by 10%, it is **21539B**.

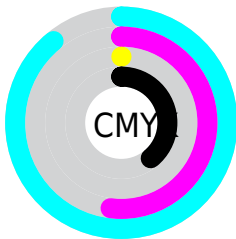
Distribution



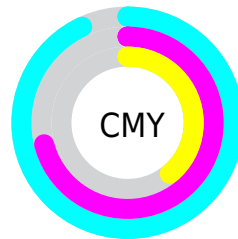
- Red (7%)
- Green (29%)
- Blue (61%)



- Red (7%)
- Yellow (22%)
- Blue (61%)



- Cyan (89%)
- Magenta (52%)
- Yellow (0%)
- Black (39%)



- Cyan (93%)
- Magenta (71%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 114A9B 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 114A9B by changing the saturation by 10% instead.

■ 114A9B

■ 114A9B

FFFFFF

■ 003481

■ 5A7AD2

■ 002067

■ 7794EF

■ 00084E

■ 94AEFF

■ 000537

■ B1C9FF

■ 000220

■ CEE5FF

■ 000005

■ ECFFFF

■ 000000

■ 114A9B

■ 114A9B

■ 01419B

■ 21539B

■ 00409B

■ 305C9B

■ 3F659B

■ 4F6E9B

■ 5E779B

■ 6E819B

■ 7E8A9B

■ 8D939B

■ 9D9C9B

Harmonies

Analogous

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



00579C



114A9B



6A3685

Triad

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



114A9B



873111



005D39

Complementary

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



114A9B



9B6211

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.



105A0C



114A9B



6D4400

Square

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



114A9B



931E38



495200



005F63

Rectangle

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



114A9B



83276E



495200



005C2B

Sweetspot

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



114A9B



93AAC9



119B62



455366



E6E6E6



666666

Same Dimension

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



114A9B



0053C9



1D119B



45484D



003A8C



00050D

Inverse Universe

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



9B114A



C90053



909B11



4D4548



8C003A



0D0005

Previews

White Background



This preview shows how the Hex color 114A9B looks on a white background.

Color Contrast Check

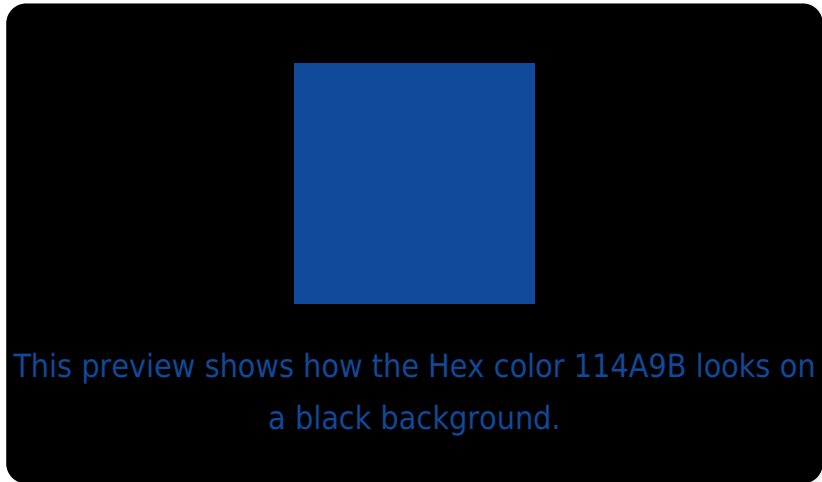
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

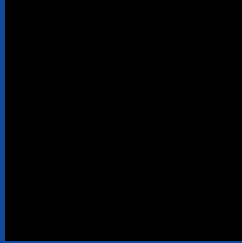
Any Text WCAG AA × Fail

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 114A9B Background



This preview shows how black text looks on a background with the Hex color 114A9B.



This preview shows how white text looks on a background with the Hex color 114A9B.

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



Original Color

114A9B

Protanopia

124A9B

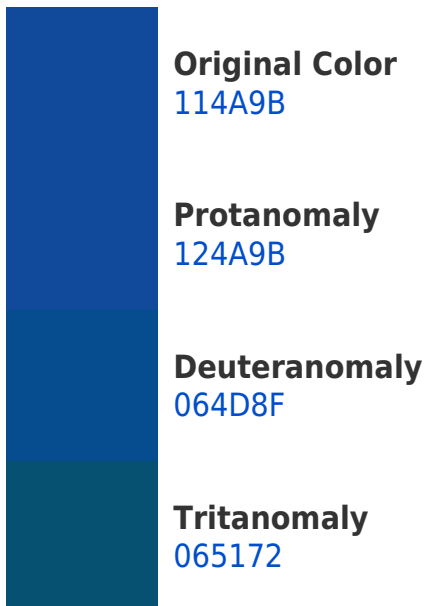
Deuteranopia

004F88

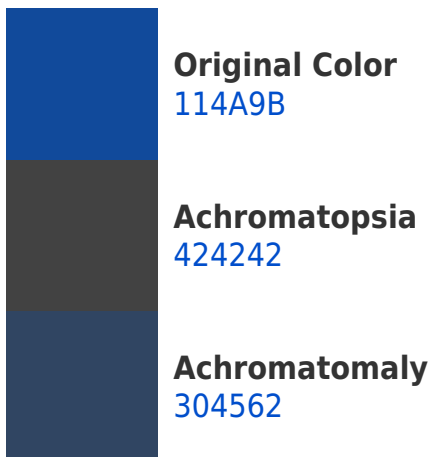


Tritanopia
00555B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 114A9B 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 #114A9B looks like.

```
.text, #text, p{  
    color:#114A9B  
}
```

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 #114A9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #114A9B
}
```

Border

The CSS property to change the border of an element to Hex 114A9B 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
#114A9B }
```

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

```
.border{ border-color:#114A9B }
```

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

Here you see how a box with a 4 pixel #114A9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #114A9B; -webkit-box-shadow:4px 4px  
4px 4px #114A9B; box-shadow:4px 4px 4px  
4px #114A9B }
```

Background

The CSS property to change the background color of an element to Hex 114A9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#114A9B }
```

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

```
.background{ background-color:#114A9B }
```

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