

# Converting Colors

Hex(144AAB)

Have a look what the booklet for  
Hex(144AAB) contains.

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# Color

**Hex(144AAB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	144AAB
RGB	20, 74, 171
RGB Percent	8%, 29%, 67%
CMY	0.9216, 0.7098, 0.3294
CMYK	0.88, 0.57, 0.00, 0.33
HSL	219°, 79%, 37%
HSV	219°, 88%, 67%
XYZ	10.0880, 7.9866, 39.5379
YIQ	68.9120, -63.3210, 18.7190

# Conversions

## Conversions Part 2

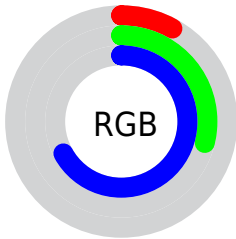
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 60, 171
Decimal	1329835
CIE <sub>Lab</sub>	33.95, 21.41, -56.56
CIE <sub>LCh</sub>	34, 60.474, 290.734
Yxy	7.9866, 0.1751, 0.1386
Android (android.graphics.Color)	4279519915 (0xFF144AAB)
YUV	68.9120, 50.3294, -42.8958
Hunter-Lab	28.2605, 14.2621, -63.1675

# Details

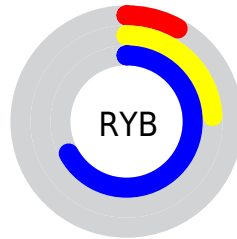
The Hex color **144AAB** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **AB7514**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **5F7AE3**, and **002076** is the 20% darker color. If you saturate the color by 10%, you get **033FAB**, and if you desaturate by 10%, it is **2555AB**.

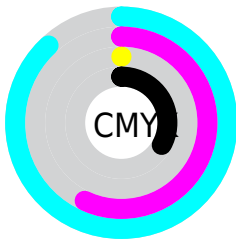
# Distribution



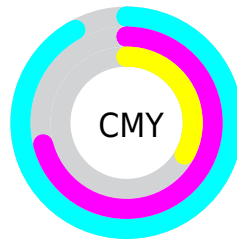
- Red (8%)
- Green (29%)
- Blue (67%)



- Red (8%)
- Yellow (24%)
- Blue (67%)



- Cyan (88%)
- Magenta (57%)
- Yellow (0%)
- Black (33%)



- Cyan (92%)
- Magenta (71%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 144AAB 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 144AAB by changing the saturation by 10% instead.



■ 144AAB

■ 144AAB

FFFFFF

■ 003490

■ 5F7AE3

■ 002076

■ 7D94FF

■ 000B5C

■ 9BAEFF

■ 000744

■ B8C9FF

■ 00032D

■ D6E5FF

■ 000117

■ F4FFFF

■ 000000

■ 144AAB

■ 144AAB

■ 033FAB

■ 2555AB

■ 003DAB

■ 3660AB

■ 476BAB

■ 5876AB

■ 6981AB

■ 7B8CAB

■ 8C97AB

■ 9DA2AB

■ AEADAB

# Harmonies

## Analogous

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



005AB0



144AAB



792F8D

# Triad

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



144AAB



8F3000



00633F

# Complementary

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



144AAB



AB7514

# 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.



005F05



144AAB



6F4900

# Square

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



144AAB



A10B31



435700



006471

# Rectangle

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



144AAB



941571



435700



00622E



# Sweetspot

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



144AAB



A4B9DE



14AB74



4D5A70



F0F0F0



707070



# Same Dimension

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



144AAB



004FDE



2814AB



4E5157



003696



000817



# Inverse Universe

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



AB144A



DE004F



97AB14



574E51



960036



170008



# Previews

## White Background



This preview shows how the Hex color 144AAB looks on a white background.

## Color Contrast Check

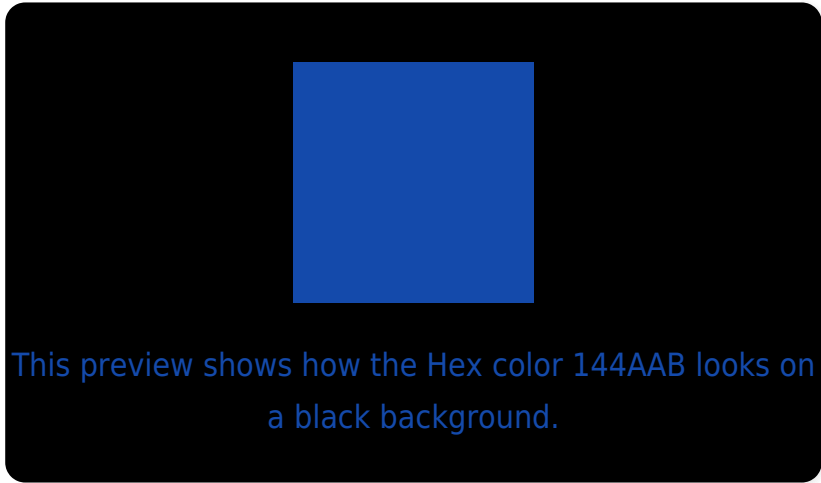
Large Text (above 18pt) WCAG AA ✓ Pass

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

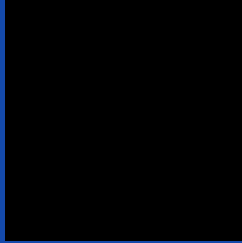
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 144AAB Background



This preview shows how black text looks on a background with the Hex color 144AAB.



This preview shows how white text looks on a background with the Hex color 144AAB.

# 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



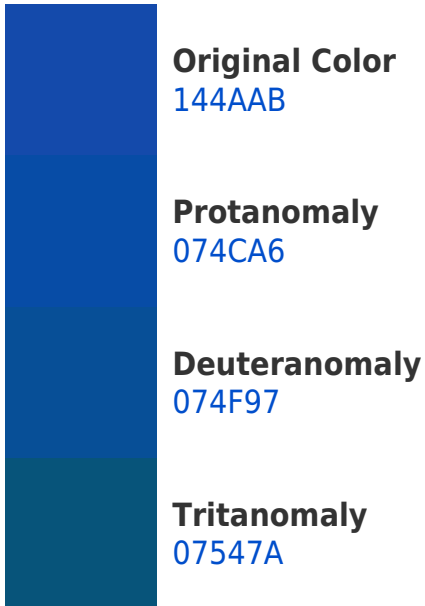
**Original Color**  
144AAB

**Protanopia**  
004DA3

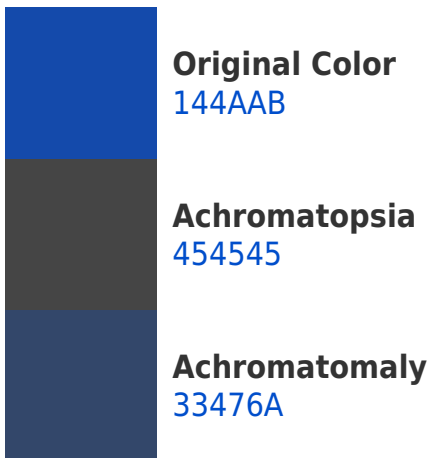
**Deuteranopia**  
00528C



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 144AAB 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 #144AAB looks like.

```
.text, #text, p{  
    color:#144AAB  
}
```

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 #144AAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #144AAB
}
```

## Border

The CSS property to change the border of an element to Hex 144AAB 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
#144AAB }
```

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

```
.border{ border-color:#144AAB }
```

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

Here you see how a box with a 4 pixel #144AAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #144AAB; -webkit-box-shadow:4px 4px  
4px 4px #144AAB; box-shadow:4px 4px 4px  
4px #144AAB }
```

# Background

The CSS property to change the background color of an element to Hex 144AAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#144AAB }
```

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

```
.background{ background-color:#144AAB }
```

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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