

# Converting Colors

Hex(A153A7)

Have a look what the booklet for  
Hex(A153A7) contains.

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# Color

**Hex(A153A7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A153A7
RGB	161, 83, 167
RGB Percent	63%, 33%, 65%
CMY	0.3686, 0.6745, 0.3451
CMYK	0.04, 0.50, 0.00, 0.35
HSL	296°, 34%, 49%
HSV	296°, 50%, 65%
XYZ	24.7662, 16.5536, 38.4491
YIQ	115.8980, 19.5240, 42.6600

# Conversions

## Conversions Part 2

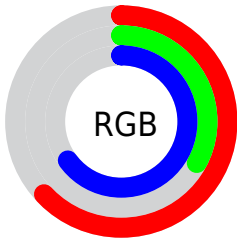
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 83, 167
Decimal	10572711
CIE <sub>Lab</sub>	47.69, 44.82, -31.55
CIE <sub>LCh</sub>	48, 54.811, 324.858
Yxy	16.5536, 0.3105, 0.2075
Android (android.graphics.Color)	4288762791 (0xFFA153A7)
YUV	115.8980, 25.1933, 39.5545
Hunter-Lab	40.6861, 37.4549, -27.5498

# Details

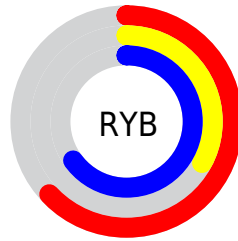
The Hex color **A153A7** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **59A753**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **D987DE**, and **6B1F73** is the 20% darker color. If you saturate the color by 10%, you get **A042A7**, and if you desaturate by 10%, it is **A264A7**.

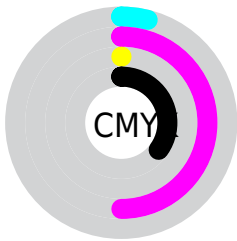
# Distribution



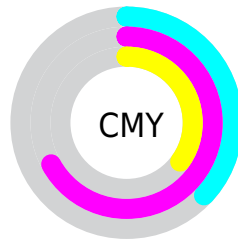
- Red (63%)
- Green (33%)
- Blue (65%)



- Red (63%)
- Yellow (33%)
- Blue (65%)



- Cyan (4%)
- Magenta (50%)
- Yellow (0%)
- Black (35%)



- Cyan (37%)
- Magenta (67%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A153A7 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 A153A7 by changing the saturation by 10% instead.



 A153A7

 A153A7

FFFFFF

 86398C

 D987DE

 6B1F73

 F7A2FB

 51005A


 FFBEFF

 380042

 FFDBFF

 22002B

 FFF8FF

 000115

 000000

 A153A7

 A153A7

 A042A7

 A264A7

9F32A7

A374A7

9D21A7

A585A7

9C10A7

A696A7

9B00A7

A7A6A7

A8B7A7

A9C8A7

ABD9A7

ACE9A7

# Harmonies

## Analogous

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



6168C6



A153A7



BF437B

# Triad

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



A153A7



8E6C00



008697

# Complementary

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



A153A7



59A753

# 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.



008667



A153A7



627A0D

# Square

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



A153A7



B05924



1C8239



0083BC

# Rectangle

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



A153A7



C4435C



1C8239



008788



# Sweetspot

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



A153A7



D6B8D9



535AA7



6C5A6E



EDEDED



6E6E6E



# Same Dimension

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



A153A7



CF57D9



A75384



544C54



890094



130014



# Inverse Universe

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



A75359



D95760



53A776



544C4C



94000B



140001



# Previews

## White Background



This preview shows how the Hex color A153A7 looks on a white background.

## Color Contrast Check

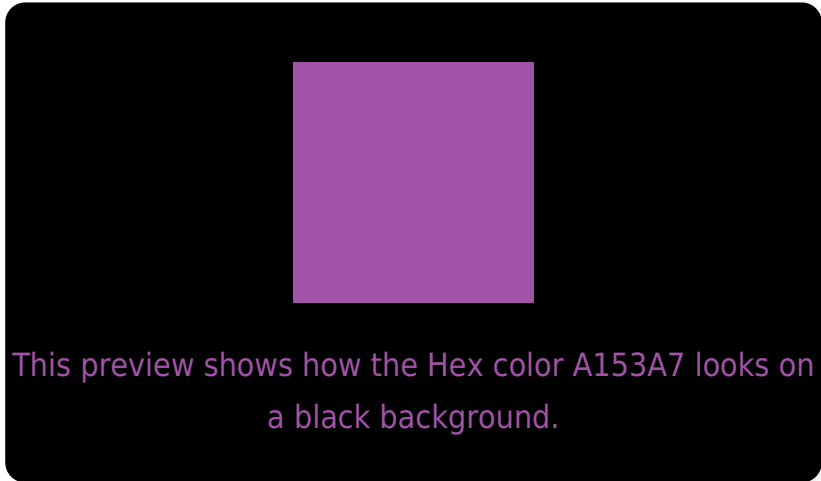
Large Text (above 18pt) WCAG AA ✓ Pass

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

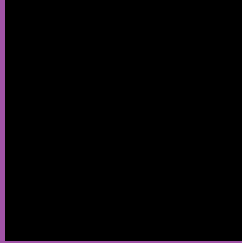
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A153A7 Background



This preview shows how black text looks on a background with the Hex color A153A7.

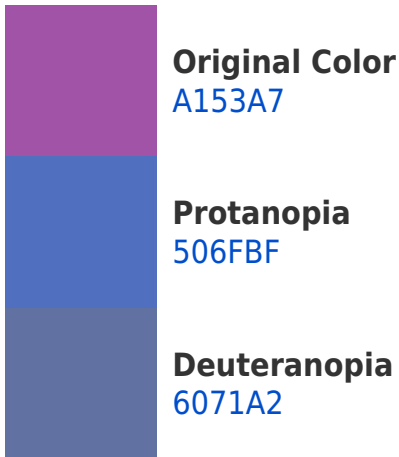


This preview shows how white text looks on a background with the Hex color A153A7.

# 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](#).

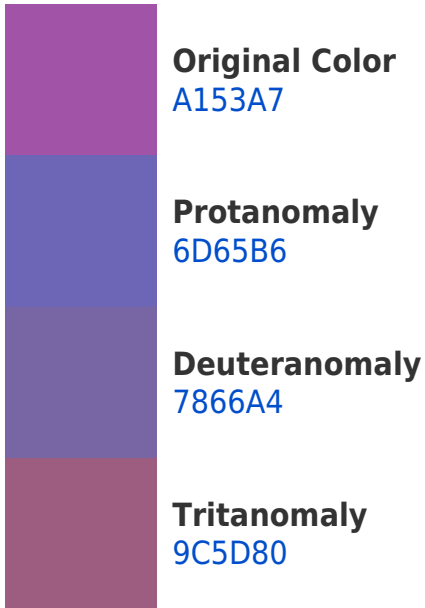
## Dichromacy



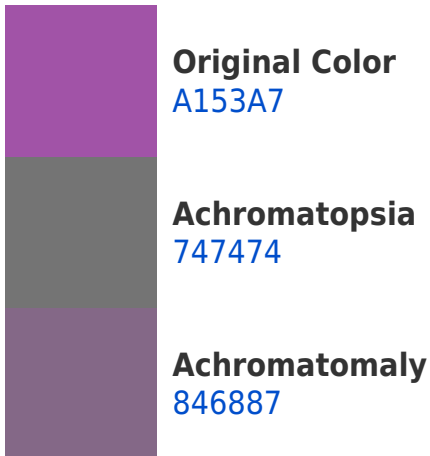


**Tritanopia**  
996269

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A153A7 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 #A153A7 looks like.

```
.text, #text, p{  
    color:#A153A7  
}
```

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 #A153A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A153A7
}
```

## Border

The CSS property to change the border of an element to Hex A153A7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

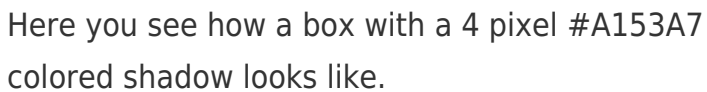
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A153A7 }
```

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

```
.border{ border-color:#A153A7 }
```

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



Here you see how a box with a 4 pixel #A153A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A153A7; -webkit-box-shadow:4px 4px  
4px 4px #A153A7; box-shadow:4px 4px 4px  
4px #A153A7 }
```

# Background

The CSS property to change the background color of an element to Hex A153A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A153A7 }
```

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

```
.background{ background-color:#A153A7 }
```

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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