

# Converting Colors

Hex(A51991)

Have a look what the booklet for  
Hex(A51991) contains.

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**Color**

**Hex(A51991)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A51991
RGB	165, 25, 145
RGB Percent	65%, 10%, 57%
CMY	0.3529, 0.9020, 0.4314
CMYK	0.00, 0.85, 0.12, 0.35
HSL	309°, 74%, 37%
HSV	309°, 85%, 65%
XYZ	20.9755, 10.7389, 27.7554
YIQ	80.5400, 44.9200, 67.0000

# Conversions

## Conversions Part 2

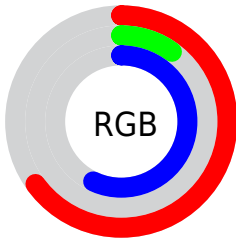
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 25, 145
Decimal	10819985
CIE <sub>Lab</sub>	39.14, 64.49, -31.75
CIE <sub>LCh</sub>	39, 71.884, 333.791
Yxy	10.7389, 0.3527, 0.1806
Android (android.graphics.Color)	4289010065 (0xFFA51991)
YUV	80.5400, 31.7788, 74.0714
Hunter-Lab	32.7703, 56.9057, -27.2774

# Details

The Hex color **A51991** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **19A52D**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **DF5AC7**, and **6D005E** is the 20% darker color. If you saturate the color by 10%, you get **A5088F**, and if you desaturate by 10%, it is **A52A93**.

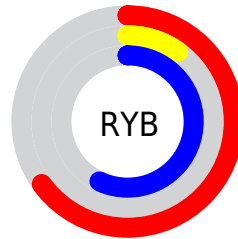
# Distribution



Red (65%)

Green (10%)

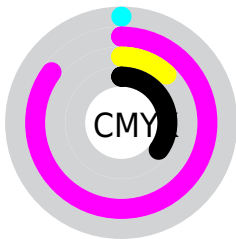
Blue (57%)



Red (65%)

Yellow (10%)

Blue (57%)

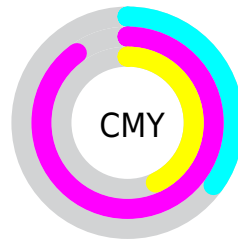


Cyan (0%)

Magenta (85%)

Yellow (12%)

Black (35%)



Cyan (35%)

Magenta (90%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A51991 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 A51991 by changing the saturation by 10% instead.



 A51991

 A51991

FFFFFF

 890077

 DF5AC7

 6D005E

 FD76E4

 510046

 FF93FF

 39002F

 FFAFFF

 190019

 FFC0FF

 000000

 FFE9FF

 A51991

 A51991

 A5088F

 A52A93

 A5008D

 A53A96

 A54A98

 A55B9A

 A56C9D

 A57C9F

 A58CA2

 A59DA4

 A5ADA6

# Harmonies

## Analogous

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



5D48BF



A51991



BE0058

# Triad

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



A51991



6B5D00



00749C

# Complementary

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



A51991



19A52D

# 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.



007462



A51991



296A00

# Square

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



A51991



984400



007123



006FC6

# Rectangle

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



A51991



BC0032



007123



00748A



# Sweetspot

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



A51991



D6A1CF



2C19A5



6B4B67



EBEBEB



6B6B6B



# Same Dimension

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



A51991



D600B8



A5194C



524950



91007D



12000F



# Inverse Universe

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



A51991



D600B8



19A572



524950



91007D



12000F



# Previews

## White Background



This preview shows how the Hex color A51991 looks on a white background.

## Color Contrast Check

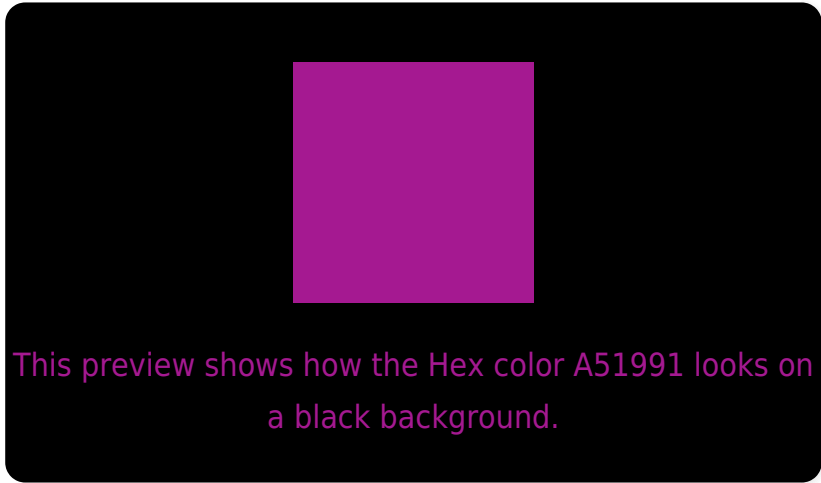
Large Text (above 18pt) WCAG AA ✓ Pass

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

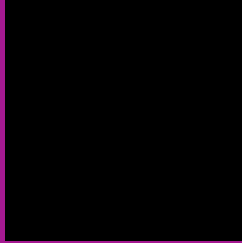
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A51991 Background



This preview shows how black text looks on a background with the Hex color A51991.

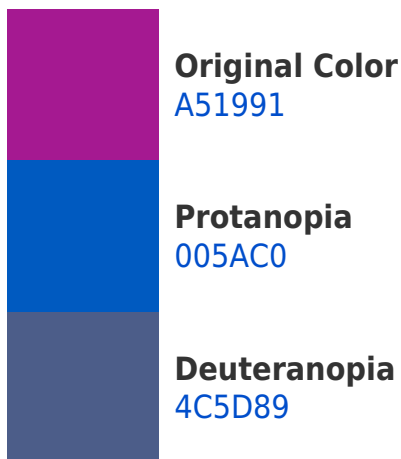


This preview shows how white text looks on a background with the Hex color A51991.

# 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](#).

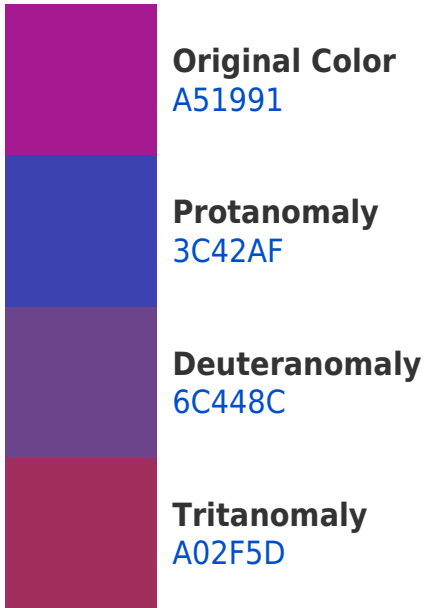
## Dichromacy



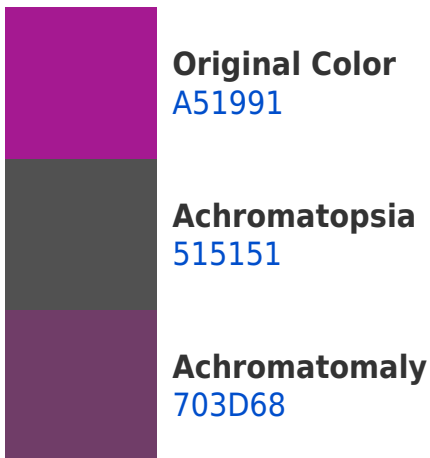


**Tritanopia**  
9D3C40

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A51991 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 #A51991 looks like.

```
.text, #text, p{  
    color:#A51991  
}
```

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 #A51991 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A51991
}
```

## Border

The CSS property to change the border of an element to Hex A51991 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
#A51991 }
```

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

```
.border{ border-color:#A51991 }
```

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

Here you see how a box with a 4 pixel #A51991 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A51991; -webkit-box-shadow:4px 4px  
4px 4px #A51991; box-shadow:4px 4px 4px  
4px #A51991 }
```

# Background

The CSS property to change the background color of an element to Hex A51991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A51991 }
```

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

```
.background{ background-color:#A51991 }
```

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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