

# Converting Colors

Hex(7351AE)

Have a look what the booklet for  
Hex(7351AE) contains.

<b>Hex(7351AE)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(7351AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7351AE
RGB	115, 81, 174
RGB Percent	45%, 32%, 68%
CMY	0.5490, 0.6824, 0.3176
CMYK	0.34, 0.53, 0.00, 0.32
HSL	262°, 36%, 50%
HSV	262°, 53%, 68%
XYZ	17.6526, 12.5857, 41.5433
YIQ	101.7680, -9.5890, 36.1310

# Conversions

## Conversions Part 2

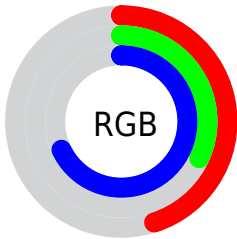
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 81, 174
Decimal	7557550
CIE Lab	42.13, 34.70, -44.83
CIE LCh	42, 56.693, 307.743
Yxy	12.5857, 0.2459, 0.1753
Android (android.graphics.Color)	4285747630 (0xFF7351AE)
YUV	101.7680, 35.6104, 11.6045
Hunter-Lab	35.4763, 26.7362, -44.5960

# Details

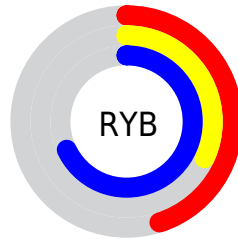
The Hex color **7351AE** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **8CAE51**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **AA83E6**, and **3E2279** is the 20% darker color. If you saturate the color by 10%, you get **6840AE**, and if you desaturate by 10%, it is **7E62AE**.

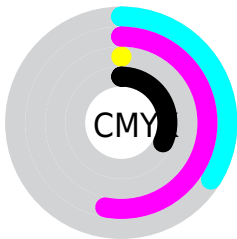
# Distribution



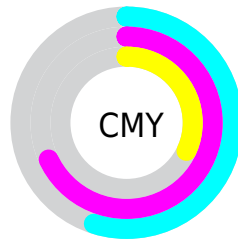
- Red (45%)
- Green (32%)
- Blue (68%)



- Red (45%)
- Yellow (32%)
- Blue (68%)



- Cyan (34%)
- Magenta (53%)
- Yellow (0%)
- Black (32%)



- Cyan (55%)
- Magenta (68%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7351AE 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 7351AE by changing the saturation by 10% instead.



7351AE

7351AE

FFFFFF

583993

AA83E6

3E2279

C69EFF

220B5F

E3B9FF

060047

FFD5FF

000330

FFF1FF

00011A

000000

7351AE

7351AE

6840AE

7E62AE

5D2EAE

8974AE

521DAE

9485AE

470BAE

9F97AE

4000AE

AAA8AE

B5B9AE

C0CBAE

CBDCAE

D6EEAE

# Harmonies

## Analogous

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



0065C1



7351AE



A43988

# Triad

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



7351AE



945400



00786F

# Complementary

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



7351AE



8CAE51

# 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.



00763E



7351AE



6D6500

# Square

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



7351AE



AE3E2D



3A700A



00779C

# Rectangle

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



7351AE



B32F69



3A700A



00785E



# Sweetspot

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



7351AE



CCBFE3



518DAE



655D73



F2F2F2



737373



# Same Dimension

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



7351AE



8752E3



A051AE



514E57



370096



080017



# Inverse Universe

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



AE518C



E352AE



5FAE51



574E54



96005F

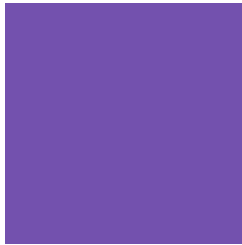


17000F



# Previews

## White Background



This preview shows how the Hex color 7351AE looks on a white background.

## Color Contrast Check

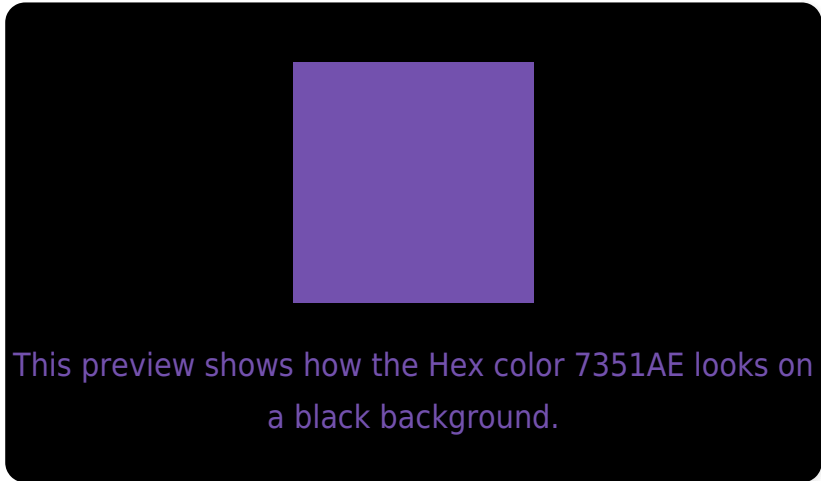
Large Text (above 18pt) WCAG AA ✓ Pass

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

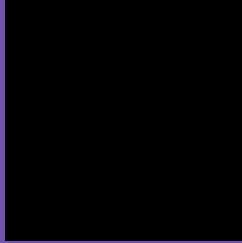
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7351AE Background



This preview shows how black text looks on a background with the Hex color 7351AE.

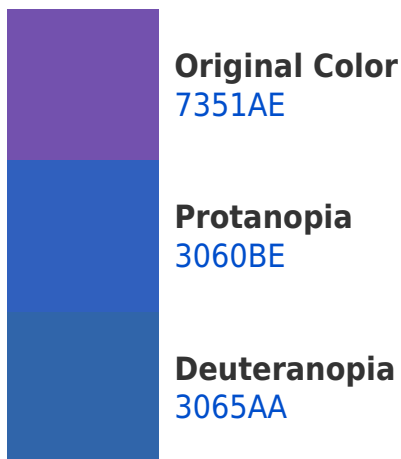


This preview shows how white text looks on a background with the Hex color 7351AE.

# 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](#).

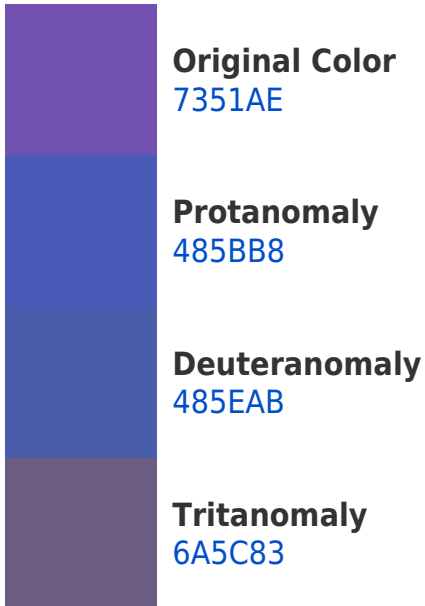
## Dichromacy



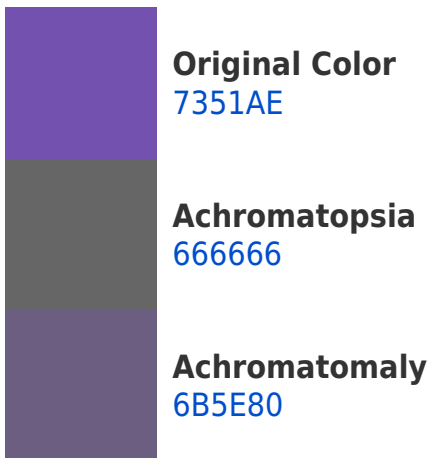


**Tritanopia**  
65626A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7351AE 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 #7351AE looks like.

```
.text, #text, p{  
    color:#7351AE  
}
```

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 #7351AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7351AE
}
```

## Border

The CSS property to change the border of an element to Hex 7351AE 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
#7351AE }
```

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

```
.border{ border-color:#7351AE }
```

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

Here you see how a box with a 4 pixel #7351AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7351AE; -webkit-box-shadow:4px 4px  
4px 4px #7351AE; box-shadow:4px 4px 4px  
4px #7351AE }
```

# Background

The CSS property to change the background color of an element to Hex 7351AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7351AE }
```

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

```
.background{ background-color:#7351AE }
```

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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