

# Converting Colors

Hex(583ADE)

Have a look what the booklet for  
Hex(583ADE) contains.

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# Color

Hex(583ADE)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	583ADE
RGB	88, 58, 222
RGB Percent	35%, 23%, 87%
CMY	0.6549, 0.7725, 0.1294
CMYK	0.60, 0.74, 0.00, 0.13
HSL	251°, 71%, 55%
HSV	251°, 74%, 87%
XYZ	18.7224, 10.3747, 70.1230
YIQ	85.6660, -34.7640, 57.3640

# Conversions

## Conversions Part 2

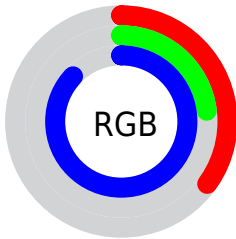
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 58, 222
Decimal	5782238
CIE <sub>Lab</sub>	38.51, 55.98, -78.74
CIE <sub>LCh</sub>	39, 96.609, 305.411
Yxy	10.3747, 0.1887, 0.1046
Android (android.graphics.Color)	4283972318 (0xFF583ADE)
YUV	85.6660, 67.2127, 2.0469
Hunter-Lab	32.2099, 47.3881, -106.5314

# Details

The Hex color **583ADE** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **C0DE3A**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **976DFF**, and **0004A5** is the 20% darker color. If you saturate the color by 10%, you get **4624DE**, and if you desaturate by 10%, it is **6A50DE**.

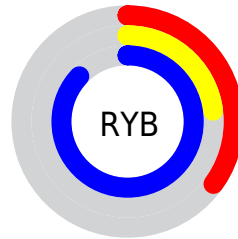
# Distribution



Red (35%)

Green (23%)

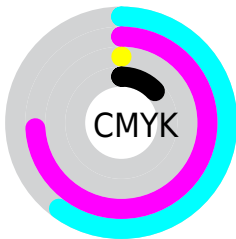
Blue (87%)



Red (35%)

Yellow (23%)

Blue (87%)

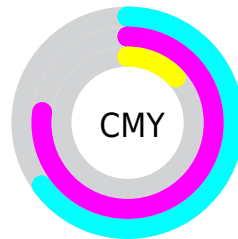


Cyan (60%)

Magenta (74%)

Yellow (0%)

Black (13%)



Cyan (65%)

Magenta (77%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 583ADE 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 583ADE by changing the saturation by 10% instead.



 583ADE

 583ADE

FFFFFF

 3321C1

 976DFF

 0004A5

 B687FF

 00008A

 D4A2FF

 000070

 F3BEFF

 000756

 FFDAFF

 00063E

 FFF7FF

 000327

 000110

 000000

■ 583ADE

■ 583ADE

■ 4624DE

■ 6A50DE

■ 340EDE

■ 7C66DE

■ 2900DE

■ 8E7DDE

■ A193DE

■ B3A9DE

■ C5BFDE

■ D7D5DE

■ E9ECDE

■ FBFFDE

# Harmonies

## Analogous

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



0064FC



583ADE



BC009E

# Triad

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



583ADE



A03900



007668

# Complementary

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



583ADE



CODE3A

# 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.



007308



583ADE



635D00

# Square

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



583ADE



CB0000



006D00



0077B6

# Rectangle

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



583ADE



D5006B



006D00



00754C



# Sweetspot

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



583ADE



D1C7FF



3AC3DE



645E80



000000



808080



# Same Dimension

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



583ADE



461CFF



A73ADE



676570



2000B0



090030



# Inverse Universe

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



DE3AC0



FF1CD5



71DE3A



70656E



B00090



300028



# Previews

## White Background



This preview shows how the Hex color 583ADE looks on a white background.

## Color Contrast Check

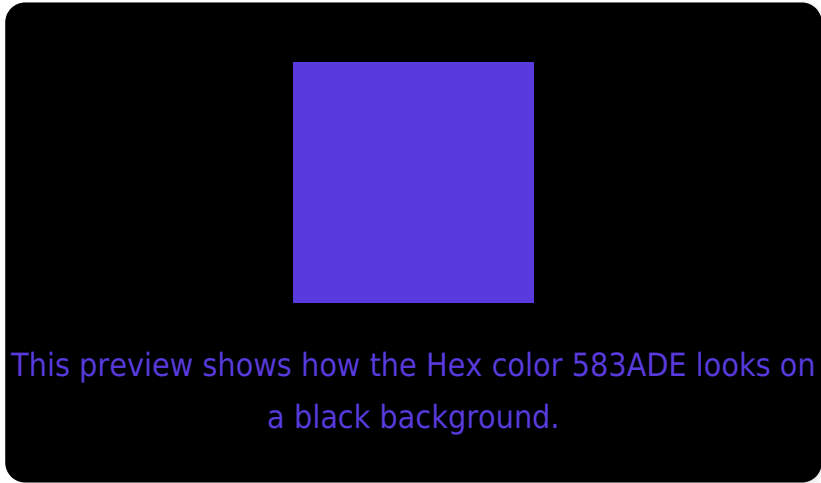
Large Text (above 18pt) WCAG AA ✓ Pass

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

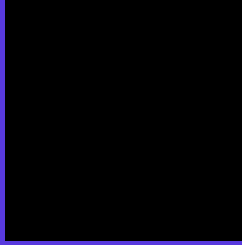
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 583ADE Background



This preview shows how black text looks on a background with the Hex color 583ADE.



This preview shows how white text looks on a background with the Hex color 583ADE.

# 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](#).

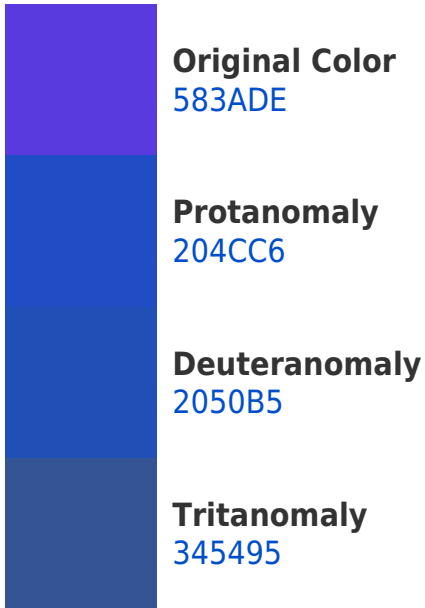
## Dichromacy



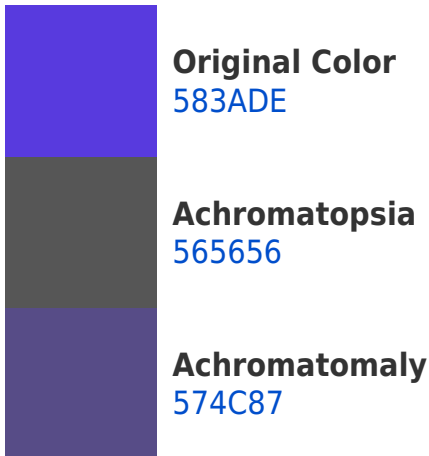


**Tritanopia**  
20636B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 583ADE 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 #583ADE looks like.

```
.text, #text, p{  
    color:#583ADE  
}
```

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 #583ADE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #583ADE
}
```

## Border

The CSS property to change the border of an element to Hex 583ADE is called "border". The border property can be set on classes, ids or directly on the HTML element.

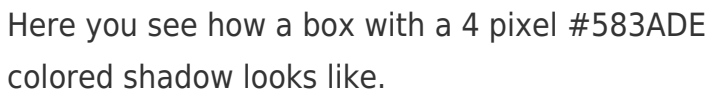
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#583ADE }
```

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

```
.border{ border-color:#583ADE }
```

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



Here you see how a box with a 4 pixel #583ADE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #583ADE; -webkit-box-shadow:4px 4px  
4px 4px #583ADE; box-shadow:4px 4px 4px  
4px #583ADE }
```

# Background

The CSS property to change the background color of an element to Hex 583ADE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#583ADE }
```

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

```
.background{ background-color:#583ADE }
```

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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