

Converting Colors

Hex(A553EC)

Have a look what the booklet for
Hex(A553EC) contains.

Hex(A553EC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A553EC)

Conversions

Conversions Part 1

Format	Color
Hex	A553EC
RGB	165, 83, 236
RGB Percent	65%, 33%, 93%
CMY	0.3529, 0.6745, 0.0745
CMYK	0.30, 0.65, 0.00, 0.07
HSL	272°, 80%, 63%
HSV	272°, 65%, 93%
XYZ	33.7506, 20.2420, 81.4851
YIQ	124.9600, -0.2410, 64.9670

Conversions

Conversions Part 2

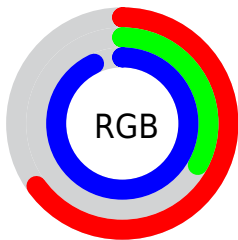
Format	Color
R _Y B	165, 83, 236
Decimal	10834924
CIE Lab	52.11, 60.49, -64.15
CIE LCh	52, 88.172, 313.318
Yxy	20.2420, 0.2491, 0.1494
Android (android.graphics.Color)	4289025004 (0xFFA553EC)
YUV	124.9600, 54.7427, 35.1151
Hunter-Lab	44.9911, 55.1696, -75.8887

Details

The Hex color **A553EC** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **9AEC53**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **E089FF**, and **6B1AB3** is the 20% darker color. If you saturate the color by 10%, you get **9A3BEC**, and if you desaturate by 10%, it is **B06BEC**.

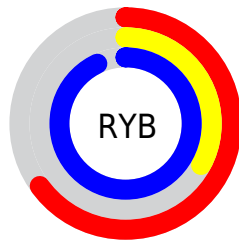
Distribution



Red (65%)

Green (33%)

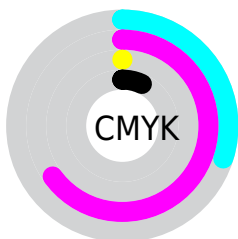
Blue (93%)



Red (65%)

Yellow (33%)

Blue (93%)

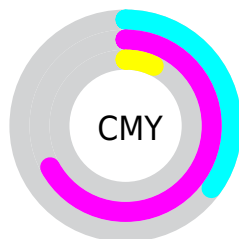


Cyan (30%)

Magenta (65%)

Yellow (0%)

Black (7%)



Cyan (35%)

Magenta (67%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color A553EC 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 A553EC by changing the saturation by 10% instead.

 A553EC

 A553EC

FFFFFF

 8838CF

 E089FF

 6B1AB3

 FEA5FF

 4E0098

 FFC1FF

 2F007D

 FFDEFF

 0A0063

 FFFBFF

 00004A

 000432

 00021D

 000000

 A553EC

 A553EC

 9A3BEC

 B06BEC

 8F24EC

 BB82EC

 840CEC

 C69AEC

 7E00EC

 D1B1EC

 DCC9EC

 E7E1EC

 F2F8EC

 FDF FEC

 FFFFEC

Harmonies

Analogous

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



007BFF



A553EC



EA00AA

Triad

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



A553EC



B96900



009B9D

Complementary

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



A553EC



9AEC53

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.



00994D



A553EC



798400

Square

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



A553EC



E83B0F



009200



009AE4

Rectangle

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



A553EC



FB0077



009200



009B83

Sweetspot

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



A553EC



E9CFFF



539AEC



726280



000000



808080

Same Dimension

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



A553EC



A338FF



EC53E7



706A75



6100B5



1D0036

Inverse Universe

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



EC539A



FF3894



53EC58



756A6F



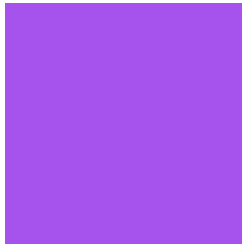
B50054



360019

Previews

White Background



This preview shows how the Hex color A553EC looks on a white background.

Color Contrast Check

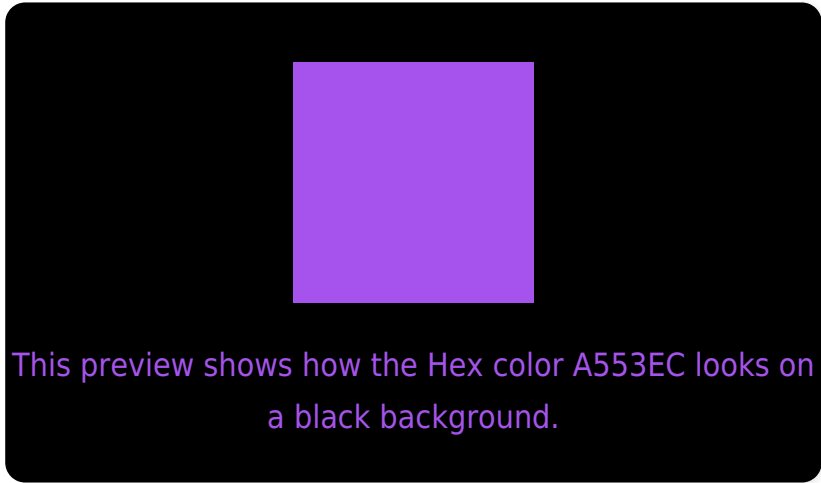
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

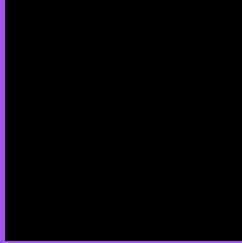
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex A553EC Background



This preview shows how black text looks on a background with the Hex color A553EC.

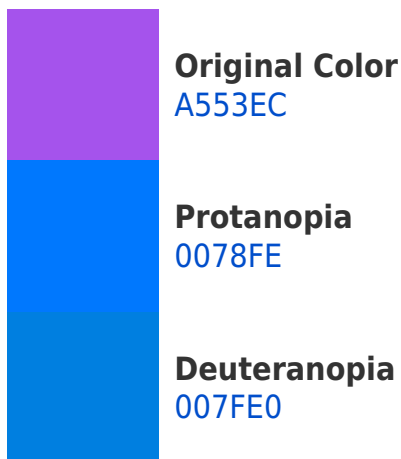


This preview shows how white text looks on a background with the Hex color A553EC.

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](#).

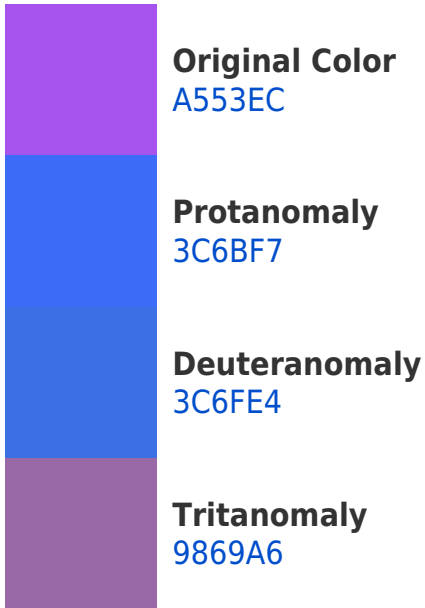
Dichromacy



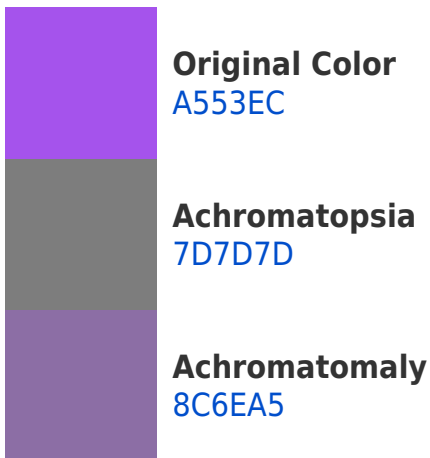


Tritanopia
91757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A553EC 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 #A553EC looks like.

```
.text, #text, p{  
    color:#A553EC  
}
```

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 #A553EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A553EC
}
```

Border

The CSS property to change the border of an element to Hex A553EC is called "border". The border property can be set on classes, ids or directly on the HTML element.

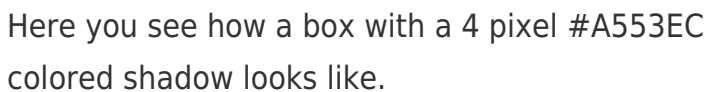
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A553EC }
```

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

```
.border{ border-color:#A553EC }
```

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



Here you see how a box with a 4 pixel #A553EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A553EC; -webkit-box-shadow:4px 4px  
4px 4px #A553EC; box-shadow:4px 4px 4px  
4px #A553EC }
```

Background

The CSS property to change the background color of an element to Hex A553EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A553EC }
```

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

```
.background{ background-color:#A553EC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor