

# Converting Colors

Hex(A554A2)

Have a look what the booklet for  
Hex(A554A2) contains.

<b>Hex(A554A2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(A554A2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A554A2
RGB	165, 84, 162
RGB Percent	65%, 33%, 64%
CMY	0.3529, 0.6706, 0.3647
CMYK	0.00, 0.49, 0.02, 0.35
HSL	302°, 33%, 49%
HSV	302°, 49%, 65%
XYZ	25.2090, 16.9486, 36.1252
YIQ	117.1110, 23.2380, 41.4300

# Conversions

## Conversions Part 2

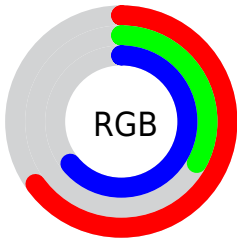
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 84, 162
Decimal	10835106
CIE <sub>Lab</sub>	48.20, 44.55, -27.78
CIE <sub>LCh</sub>	48, 52.495, 328.056
Yxy	16.9486, 0.3220, 0.2165
Android (android.graphics.Color)	4289025186 (0xFFA554A2)
YUV	117.1110, 22.1303, 41.9987
Hunter-Lab	41.1687, 37.2563, -23.2084

# Details

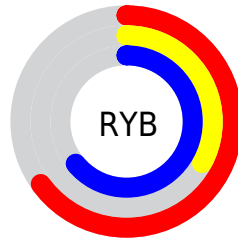
The Hex color **A554A2** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **54A557**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **DE88D9**, and **6F206E** is the 20% darker color. If you saturate the color by 10%, you get **A543A1**, and if you desaturate by 10%, it is **A565A3**.

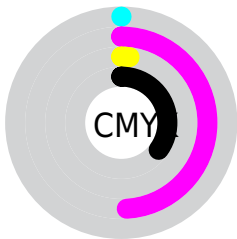
# Distribution



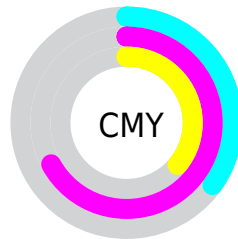
- Red (65%)
- Green (33%)
- Blue (64%)



- Red (65%)
- Yellow (33%)
- Blue (64%)



- Cyan (0%)
- Magenta (49%)
- Yellow (2%)
- Black (35%)



- Cyan (35%)
- Magenta (67%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A554A2 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 A554A2 by changing the saturation by 10% instead.



 A554A2

 A554A2

FFFFFF

 8A3A88

 DE88D9

 6F206E

 FBA4F6

 550055

 FFBFFF

 3C003E

 FFDCFF

 260028

 FFF9FF

 000111

 000000

 A554A2

 A554A2

 A543A1

 A565A3

 A533A1

 A575A3

 A523A0

 A585A4

 A512A0

 A596A4

 A5019F

 A5A6A5

 A5009F

 A5B7A6

 A5C7A6

 A5D8A7

 A5E9A7

# Harmonies

## Analogous

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



6C68C1



A554A2



BF4777

# Triad

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



A554A2



8B6F0A



00879B

# Complementary

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



A554A2



54A557

# 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.



00876E



A554A2



607C1A

# Square

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



A554A2



AD5E26



188441



0083BD

# Rectangle

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



A554A2



C2495A



188441



00878D



# Sweetspot

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



A554A2



D6B6D5



5754A5



6B586A



EBEBEB



6B6B6B



# Same Dimension

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



A554A2



D658D2



A5547A



524951



91008C



120011



# Inverse Universe

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



A554A2



D658D2



54A57F



524951



91008C

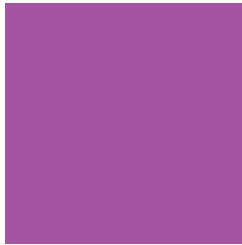


120011



# Previews

## White Background



This preview shows how the Hex color A554A2 looks on a white background.

## Color Contrast Check

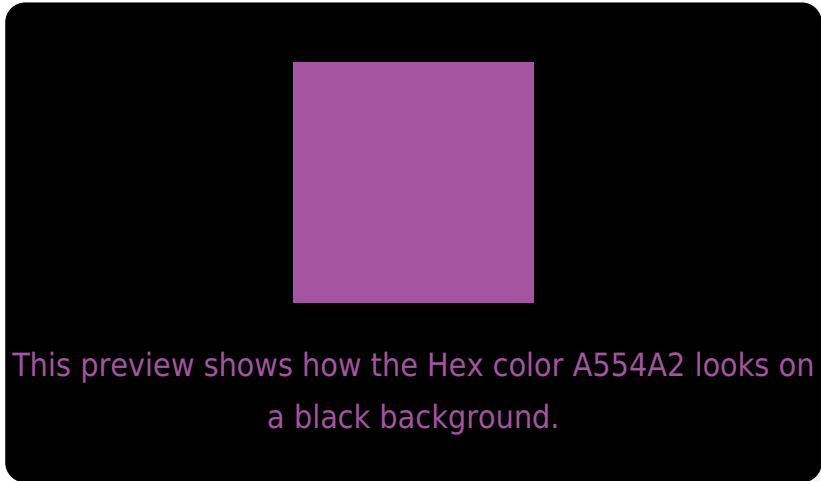
Large Text (above 18pt) WCAG AA ✓ Pass

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

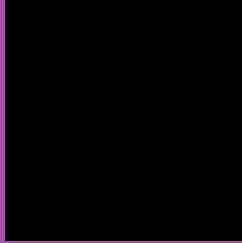
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A554A2 Background



This preview shows how black text looks on a background with the Hex color A554A2.

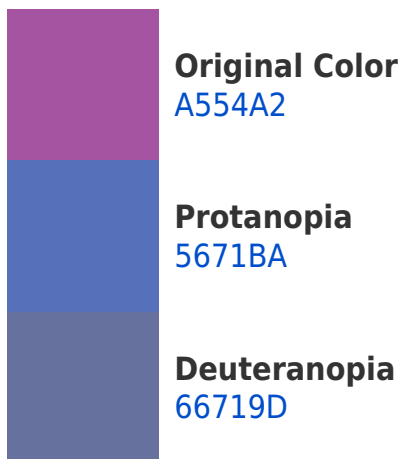


This preview shows how white text looks on a background with the Hex color A554A2.

# 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](#).

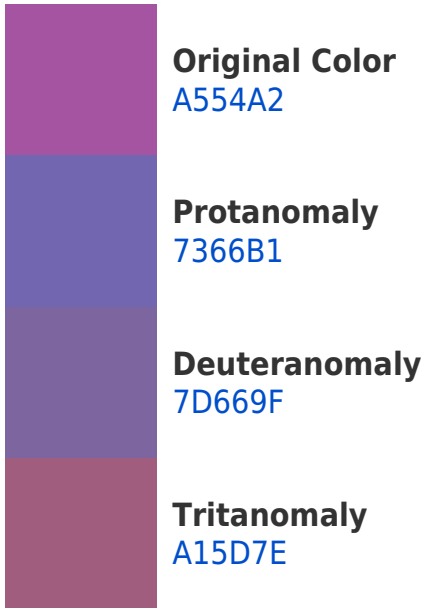
## Dichromacy



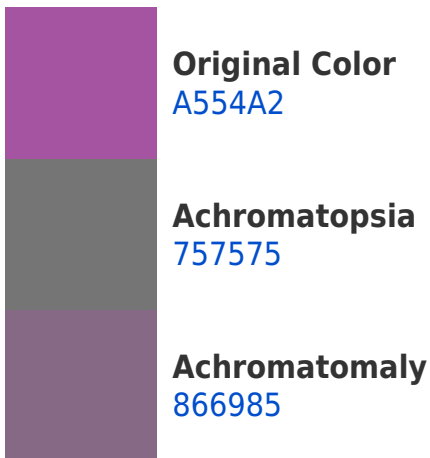


**Tritanopia**  
9E6269

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A554A2 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 #A554A2 looks like.

```
.text, #text, p{  
    color:#A554A2  
}
```

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 #A554A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A554A2
}
```

## Border

The CSS property to change the border of an element to Hex A554A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

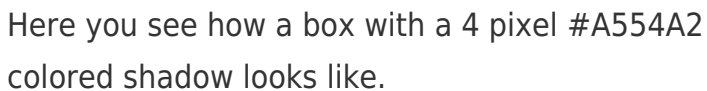
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A554A2 }
```

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

```
.border{ border-color:#A554A2 }
```

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



Here you see how a box with a 4 pixel #A554A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A554A2; -webkit-box-shadow:4px 4px  
4px 4px #A554A2; box-shadow:4px 4px 4px  
4px #A554A2 }
```

# Background

The CSS property to change the background color of an element to Hex A554A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A554A2 }
```

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

```
.background{ background-color:#A554A2 }
```

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