

# Converting Colors

Hex(A574E6)

Have a look what the booklet for  
Hex(A574E6) contains.

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# Color

**Hex(A574E6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A574E6
RGB	165, 116, 230
RGB Percent	65%, 45%, 90%
CMY	0.3529, 0.5451, 0.0980
CMYK	0.28, 0.50, 0.00, 0.10
HSL	266°, 70%, 68%
HSV	266°, 50%, 90%
XYZ	36.0454, 26.2033, 78.0209
YIQ	143.6470, -7.3900, 45.8420

# Conversions

## Conversions Part 2

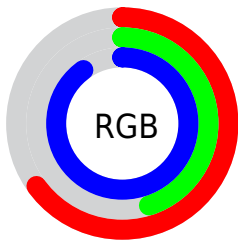
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	165, 116, 230
Decimal	10843366
CIE <sub>Lab</sub>	58.23, 41.96, -50.99
CIE <sub>LCh</sub>	58, 66.034, 309.453
Yxy	26.2033, 0.2570, 0.1868
Android (android.graphics.Color)	4289033446 (0xFFA574E6)
YUV	143.6470, 42.5720, 18.7266
Hunter-Lab	51.1891, 36.1116, -54.5355

# Details

The Hex color **A574E6** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B5E674**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **DEA9FF**, and **6E42AE** is the 20% darker color. If you saturate the color by 10%, you get **985DE6**, and if you desaturate by 10%, it is **B28BE6**.

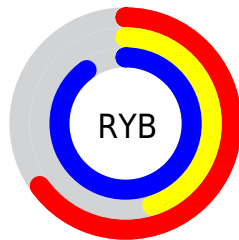
# Distribution



Red (65%)

Green (45%)

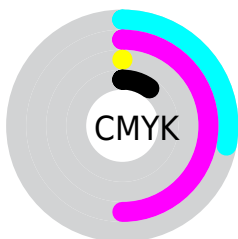
Blue (90%)



Red (65%)

Yellow (45%)

Blue (90%)

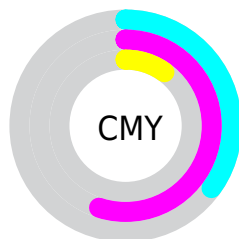


Cyan (28%)

Magenta (50%)

Yellow (0%)

Black (10%)



Cyan (35%)

Magenta (55%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A574E6 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 A574E6 by changing the saturation by 10% instead.



 A574E6

 A574E6

FFFFFF

 895BCA

 DEA9FF

 6E42AE

 FCC5FF

 522A93

 FFE1FF

 371178

FFFEFF

 18005F

 000047

 00042F

 000119

 000000

 A574E6

 A574E6

 985DE6


 B28BE6

 8B46E6

 BFA2E6

 7E2FE6

 CCB9E6

 7118E6

 D9D0E6

 6301E6

 E7E7E6

 6300E6

 F4FEE6

 FFFFE6

# Harmonies

## Analogous

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



018DFF



A574E6



DE59B6

# Triad

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



A574E6



C77A10



00A79D

# Complementary

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



A574E6



B5E674

# 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.



00A461



A574E6



978F00

# Square

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



A574E6



E96145



579D28



00A5D4

# Rectangle

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



A574E6



F05090



579D28



00A689



# Sweetspot

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



A574E6



E9D9FF



74B7E6



726980



000000



808080



# Same Dimension

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



A574E6



A969FF



DC74E6



6C6773



4D00B3



160033



# Inverse Universe

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



E674B5



FF69BE



7EE674



73676E



B30066

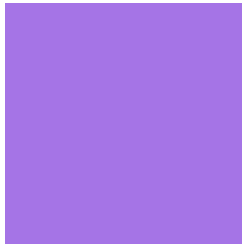


33001D



# Previews

## White Background



This preview shows how the Hex color A574E6 looks on a white background.

## Color Contrast Check

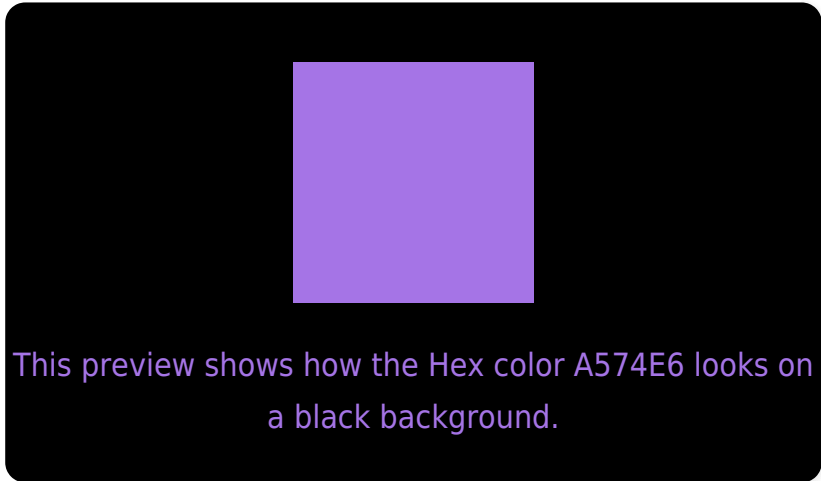
Large Text (above 18pt) WCAG AA ✓ Pass

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

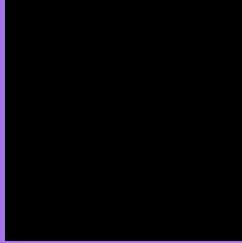
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A574E6 Background



This preview shows how black text looks on a background with the Hex color A574E6.

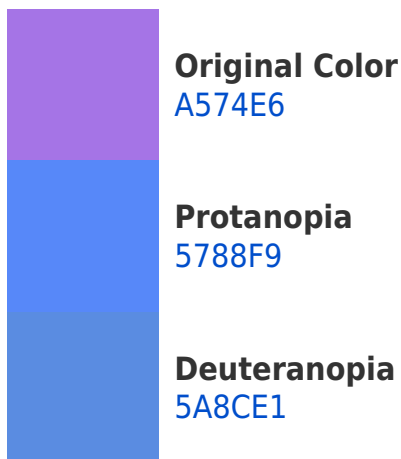


This preview shows how white text looks on a background with the Hex color A574E6.

# 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](#).

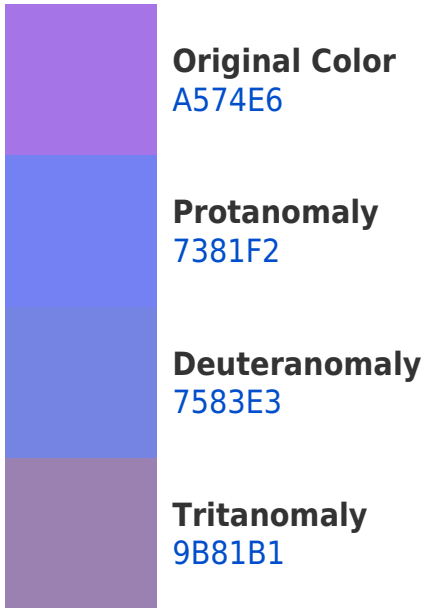
## Dichromacy



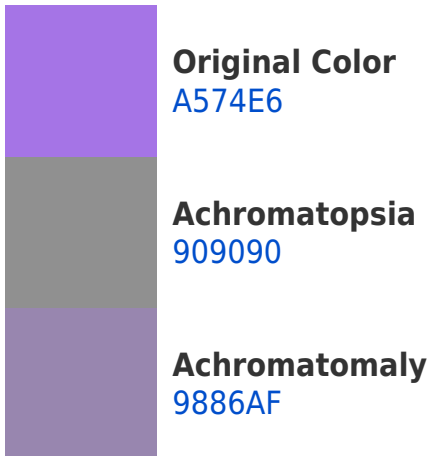


**Tritanopia**  
958893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A574E6 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 #A574E6 looks like.

```
.text, #text, p{  
    color:#A574E6  
}
```

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 #A574E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A574E6
}
```

## Border

The CSS property to change the border of an element to Hex A574E6 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
#A574E6 }
```

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

```
.border{ border-color:#A574E6 }
```

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

Here you see how a box with a 4 pixel #A574E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A574E6; -webkit-box-shadow:4px 4px  
4px 4px #A574E6; box-shadow:4px 4px 4px  
4px #A574E6 }
```

# Background

The CSS property to change the background color of an element to Hex A574E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A574E6 }
```

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

```
.background{ background-color:#A574E6 }
```

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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