

# Converting Colors

Hex(527ECA)

Have a look what the booklet for  
Hex(527ECA) contains.

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# Color

Hex(527ECA)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	527ECA
RGB	82, 126, 202
RGB Percent	32%, 49%, 79%
CMY	0.6784, 0.5059, 0.2078
CMYK	0.59, 0.38, 0.00, 0.21
HSL	218°, 53%, 56%
HSV	218°, 59%, 79%
XYZ	21.6012, 20.9798, 58.7881
YIQ	121.5080, -50.6200, 14.3080

# Conversions

## Conversions Part 2

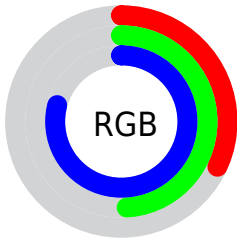
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	82, 114, 202
Decimal	5406410
CIE Lab	52.93, 8.03, -44.02
CIE LCh	53, 44.743, 280.336
Yxy	20.9798, 0.2131, 0.2070
Android (android.graphics.Color)	4283596490 (0xFF527ECA)
YUV	121.5080, 39.6826, -34.6485
Hunter-Lab	45.8037, 4.0247, -44.0349

# Details

The Hex color **527ECA** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **CA9E52**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **8CB2FF**, and **004E93** is the 20% darker color. If you saturate the color by 10%, you get **3E71CA**, and if you desaturate by 10%, it is **668BCA**.

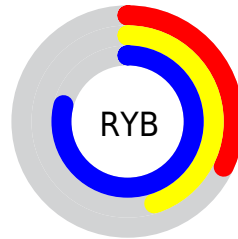
# Distribution



Red (32%)

Green (49%)

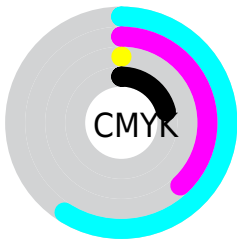
Blue (79%)



Red (32%)

Yellow (45%)

Blue (79%)

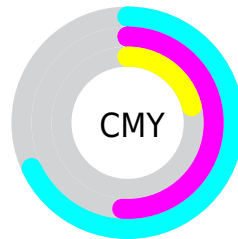


Cyan (59%)

Magenta (38%)

Yellow (0%)

Black (21%)



Cyan (68%)

Magenta (51%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 527ECA 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 527ECA by changing the saturation by 10% instead.



■ 527ECA

■ 527ECA

FFFFFF

■ 3265AE

■ 8CB2FF

■ 004E93

■ A9CEFF

■ 003779

■ C6EAFF

■ 002360

■ E4FFFF

■ 000C48

■ 000431

■ 00011B

■ 000000

■ 527ECA

■ 527ECA

■ 3E71CA

■ 668BCA

■ 2A64CA

■ 7A98CA

■ 1558CA

■ 8FA4CA

■ 014BCA

■ A3B1CA

■ 004ACA

■ B7BECA

■ CBCBCA

■ DFD8CA

■ F4E4CA

■ FFF1CA

# Harmonies

## Analogous

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



0089C6



527ECA



926FB9

# Triad

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



527ECA



BF654E



1A9063

# Complementary

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



527ECA



CA9E52

# 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.



5E8A41



527ECA



A97335

# Square

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



527ECA



C65D72



88812E



00928B

# Rectangle

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



527ECA



AE65A5



88812E



398E57



# Sweetspot

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



527ECA



D1E2FF



52CA9E



636E80



000000



808080



# Same Dimension

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



527ECA



4A8CFF



6252CA



5C6066



003DA6



000E26



# Inverse Universe

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



CA527E



FF4A8C



BACA52



665C60



A6003D

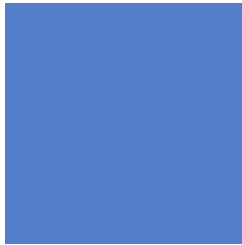


26000E



# Previews

## White Background



This preview shows how the Hex color 527ECA looks on a white background.

## Color Contrast Check

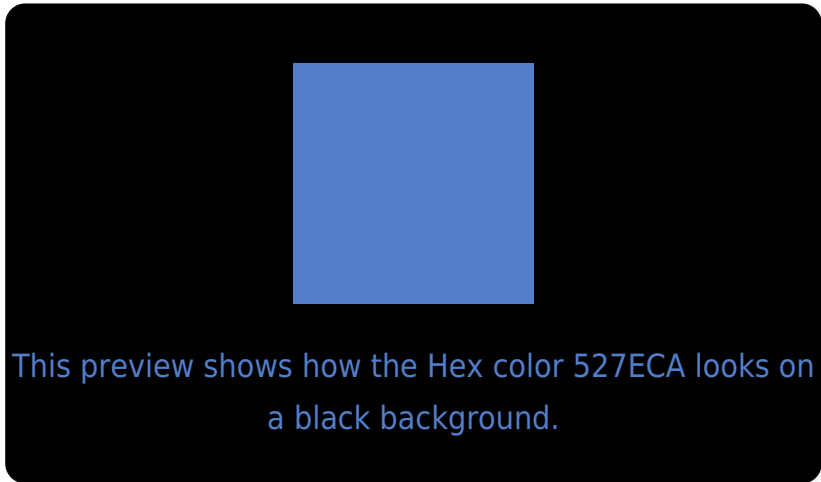
Large Text (above 18pt) WCAG AA ✓ Pass

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

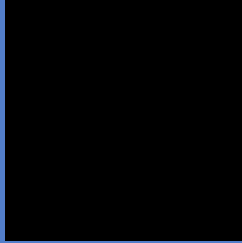
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 527ECA Background



This preview shows how black text looks on a background with the Hex color 527ECA.

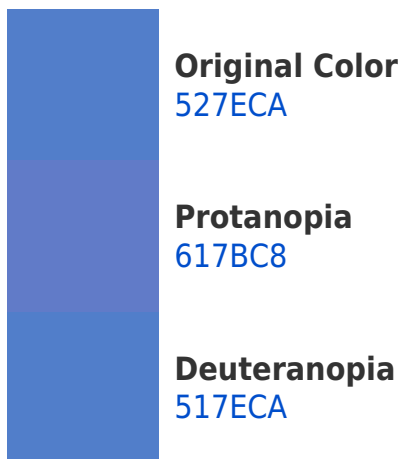



This preview shows how white text looks on a background with the Hex color 527ECA.

# 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](#).

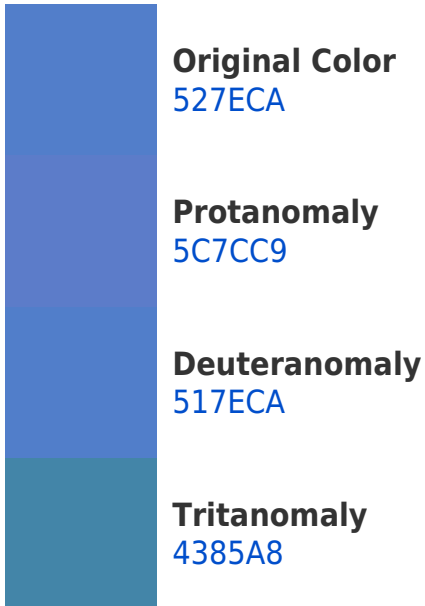
## Dichromacy



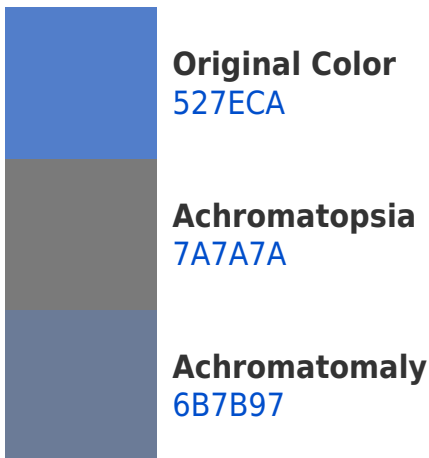


**Tritanopia**  
3A8994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 527ECA 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 #527ECA looks like.

```
.text, #text, p{  
    color:#527ECA  
}
```

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 #527ECA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #527ECA
}
```

## Border

The CSS property to change the border of an element to Hex 527ECA 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".

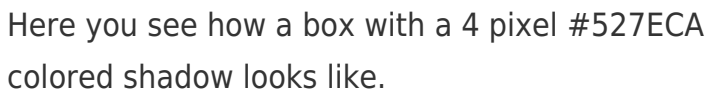
```
.border, #border, table{ border:4px solid
#527ECA }
```

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

```
.border{ border-color:#527ECA }
```

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

Here you see how a box with a 4 pixel #527ECA colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #527ECA; -webkit-box-shadow:4px 4px  
4px 4px #527ECA; box-shadow:4px 4px 4px  
4px #527ECA }
```

# Background

The CSS property to change the background color of an element to Hex 527ECA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#527ECA }
```

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

```
.background{ background-color:#527ECA }
```

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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