

Converting Colors

Hex(527ADA)

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

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Color

Hex(527ADA)

Conversions

Conversions Part 1

Format	Color
Hex	527ADA
RGB	82, 122, 218
RGB Percent	32%, 48%, 85%
CMY	0.6784, 0.5216, 0.1451
CMYK	0.62, 0.44, 0.00, 0.15
HSL	222°, 65%, 59%
HSV	222°, 62%, 85%
XYZ	23.0941, 20.7749, 69.1224
YIQ	120.9840, -54.6560, 21.3760

Conversions

Conversions Part 2

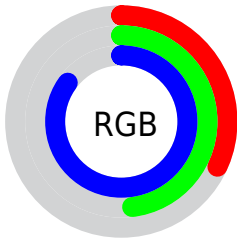
Format	Color
R _Y B	82, 113, 218
Decimal	5405402
CIE Lab	52.70, 15.87, -53.44
CIE LCh	53, 55.745, 286.542
Yxy	20.7749, 0.2044, 0.1839
Android (android.graphics.Color)	4283595482 (0xFF527ADA)
YUV	120.9840, 47.8289, -34.1890
Hunter-Lab	45.5794, 10.6780, -58.0092

Details

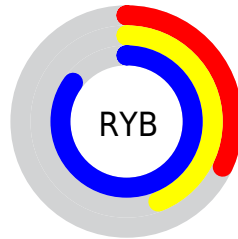
The Hex color **527ADA** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **DAB252**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **8EAEFF**, and **004AA2** is the 20% darker color. If you saturate the color by 10%, you get **3C6BDA**, and if you desaturate by 10%, it is **6889DA**.

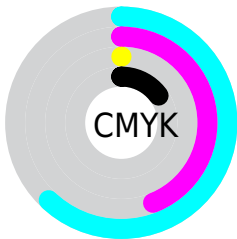
Distribution



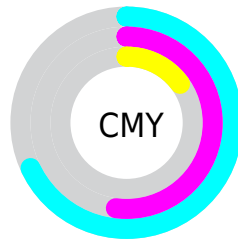
- Red (32%)
- Green (48%)
- Blue (85%)



- Red (32%)
- Yellow (44%)
- Blue (85%)



- Cyan (62%)
- Magenta (44%)
- Yellow (0%)
- Black (15%)



- Cyan (68%)
- Magenta (52%)
- Yellow (15%)

Brightness & Saturation Gradients

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

■ 527ADA

■ 527ADA

FFFFFF

■ 2F61BE

■ 8EAEFF

■ 004AA2

■ ACC9FF

■ 003488

■ CAE5FF

■ 00206E

■ E8FFFF

■ 000955

■ 00063D

■ 000226

■ 00010F

■ 000000

■ 527ADA

■ 527ADA

■ 3C6BDA

■ 6889DA

■ 265BDA

■ 7E99DA

■ 114CDA

■ 93A8DA

■ 0040DA

■ A9B8DA

■ BFC7DA

■ D5D6DA

■ EBE6DA

■ FFF5DA

■ FFFFDA

Harmonies

Analogous

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



0089DB



527ADA



A165C0

Triad

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



527ADA



C7603A



009366

Complementary

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



527ADA



DAB252

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.



448E37



527ADA



A87416

Square

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



527ADA



D45065



7D8413



009498

Rectangle

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



527ADA



BF58A5



7D8413



009256

Sweetspot

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



527ADA



CFDDFF



52DAB1



626B80



000000



808080

Same Dimension

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



527ADA



4078FF



6D52DA



63666E



0033AD



000D2E

Inverse Universe

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



DA527A



FF4078



BFDA52



6E6366



AD0033



2E000D

Previews

White Background



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

Color Contrast Check

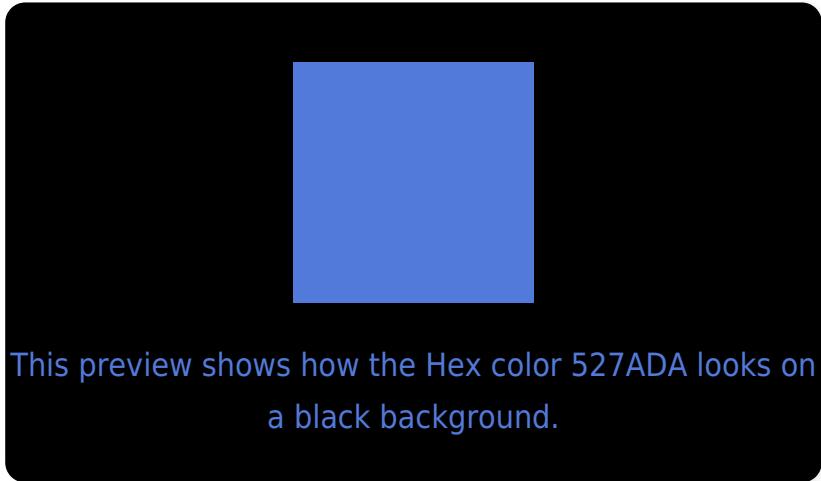
Large Text (above 18pt) WCAG AA ✓ Pass

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 527ADA Background



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

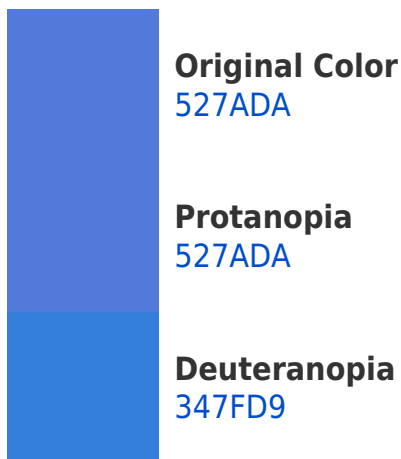


This preview shows how white text looks on a background with the Hex color 527ADA.

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](#).

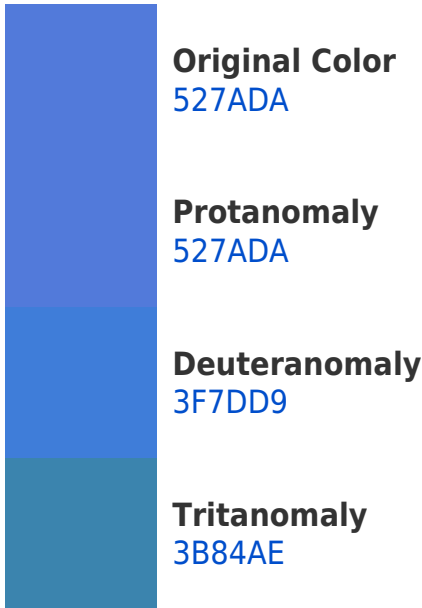
Dichromacy



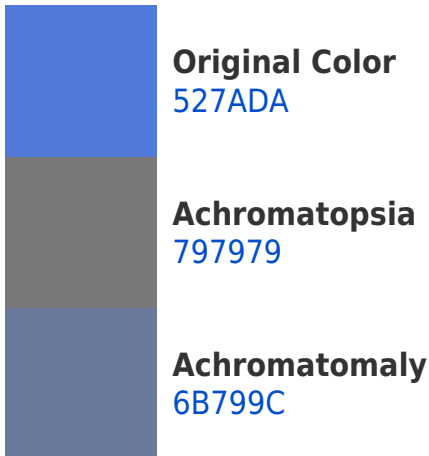


Tritanopia
2E8995

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #527ADA colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 527ADA 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
#527ADA }
```

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

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

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

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

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

Background

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

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

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

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

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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