

# Converting Colors

Hex(427ADE)

Have a look what the booklet for  
Hex(427ADE) contains.

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# Color

**Hex(427ADE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	427ADE
RGB	66, 122, 222
RGB Percent	26%, 48%, 87%
CMY	0.7412, 0.5216, 0.1294
CMYK	0.70, 0.45, 0.00, 0.13
HSL	218°, 70%, 56%
HSV	218°, 70%, 87%
XYZ	22.3911, 20.3512, 71.8553
YIQ	116.6560, -65.4760, 19.2280

# Conversions

## Conversions Part 2

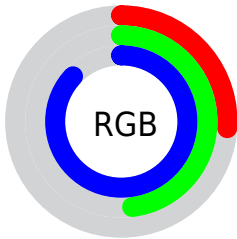
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	66, 107, 222
Decimal	4356830
CIE <sub>Lab</sub>	52.23, 14.70, -56.48
CIE <sub>LCh</sub>	52, 58.366, 284.588
Yxy	20.3512, 0.1954, 0.1776
Android (android.graphics.Color)	4282546910 (0xFF427ADE)
YUV	116.6560, 51.9346, -44.4253
Hunter-Lab	45.1124, 9.6503, -62.8589

# Details

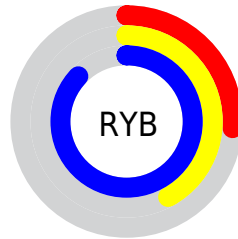
The Hex color **427ADE** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **DEA642**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **83AEFF**, and **004AA6** is the 20% darker color. If you saturate the color by 10%, you get **2C6CDE**, and if you desaturate by 10%, it is **5888DE**.

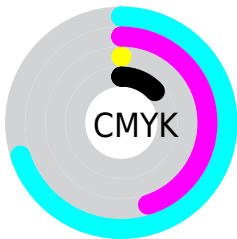
# Distribution



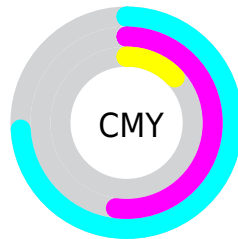
- Red (26%)
- Green (48%)
- Blue (87%)



- Red (26%)
- Yellow (42%)
- Blue (87%)



- Cyan (70%)
- Magenta (45%)
- Yellow (0%)
- Black (13%)



- Cyan (74%)
- Magenta (52%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 427ADE 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 427ADE by changing the saturation by 10% instead.



■ 427ADE

■ 427ADE

FFFFFF

■ 1162C2

■ 83AEFF

■ 004AA6

■ A1C9FF

■ 00348B

■ BFE5FF

■ 002171

■ DEFFFF

■ 000958

■ FCFFFF

■ 000740

■ 000329

■ 000113

■ 000000

■ 427ADE

■ 427ADE

■ 2C6CDE

■ 5888DE

■ 165EDE

■ 6E96DE

■ 0050DE

■ 85A5DE

■ 9BB3DE

■ B1C1DE

■ C7CFDE

■ DDEDE

■ F4ECDE

■ FFFADE

# Harmonies

## Analogous

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



008ADD



427ADE



9E64C4

# Triad

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



427ADE



CA5B38



009260

# Complementary

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



427ADE



DEA642

# 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.



438D2F



427ADE



AA710E

# Square

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



427ADE



D64B66



7E8202



009494

# Rectangle

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



427ADE



BF55A8



7E8202



00914F



# Sweetspot

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



427ADE



C9DDFF



42DEA5



606B80



000000



808080



# Same Dimension

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



427ADE



2976FF



5742DE



656970



003FB0



001130



# Inverse Universe

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



DE427A



FF2976



C9DE42



706569



B0003F

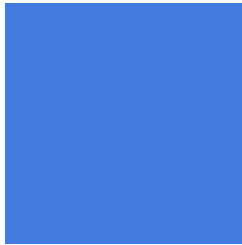


300011



# Previews

## White Background



This preview shows how the Hex color 427ADE looks on a white background.

## Color Contrast Check

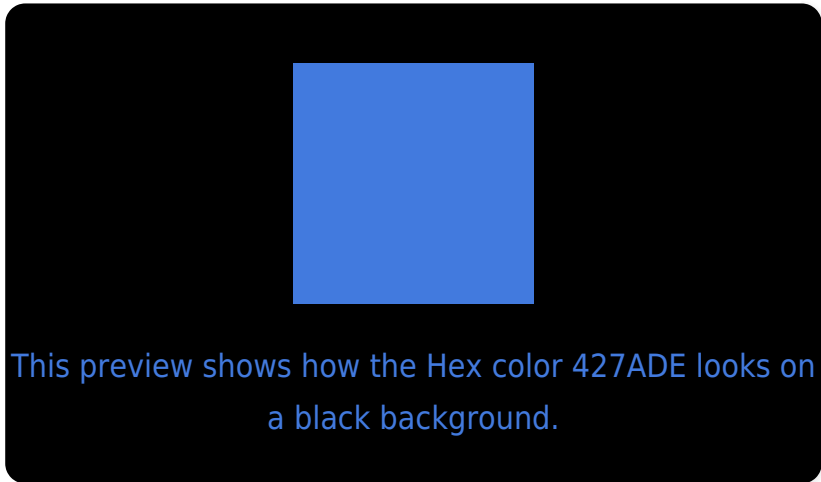
Large Text (above 18pt) WCAG AA ✓ Pass

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

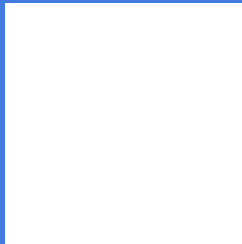
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 427ADE Background



This preview shows how black text looks on a background with the Hex color 427ADE.



This preview shows how white text looks on a background with the Hex color 427ADE.

# 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](#).

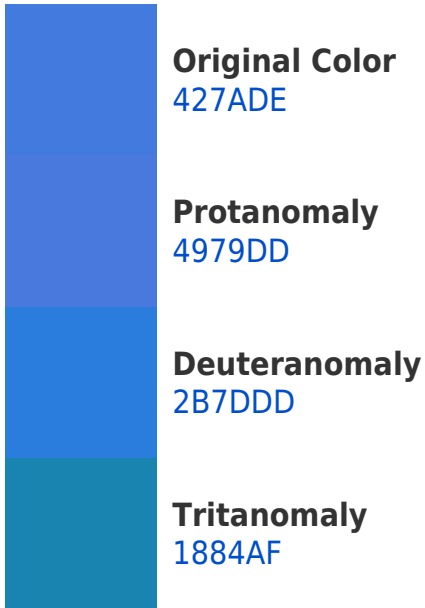
## Dichromacy



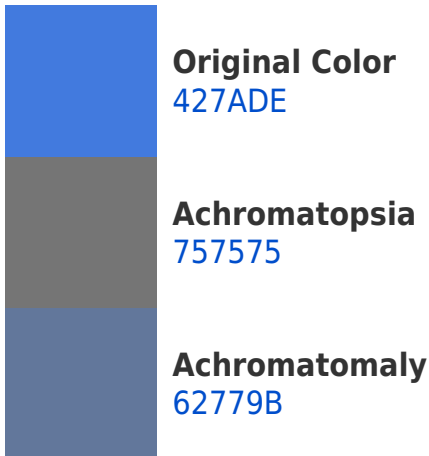


**Tritanopia**  
008A94

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 427ADE 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 #427ADE looks like.

```
.text, #text, p{  
  color:#427ADE  
}
```

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 #427ADE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #427ADE
}
```

## Border

The CSS property to change the border of an element to Hex 427ADE is called "border". The border property can be set on classes, ids or directly on the HTML element.

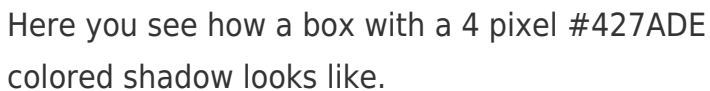
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#427ADE }
```

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

```
.border{ border-color:#427ADE }
```

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



Here you see how a box with a 4 pixel #427ADE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #427ADE; -webkit-box-shadow:4px 4px  
4px 4px #427ADE; box-shadow:4px 4px 4px  
4px #427ADE }
```

# Background

The CSS property to change the background color of an element to Hex 427ADE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#427ADE }
```

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

```
.background{ background-color:#427ADE }
```

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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