

# Converting Colors

Hex(217ADA)

Have a look what the booklet for  
Hex(217ADA) contains.

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# Color

**Hex(217ADA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	217ADA
RGB	33, 122, 218
RGB Percent	13%, 48%, 85%
CMY	0.8706, 0.5216, 0.1451
CMYK	0.85, 0.44, 0.00, 0.15
HSL	211°, 74%, 49%
HSV	211°, 85%, 85%
XYZ	20.2416, 19.3044, 68.9889
YIQ	106.3330, -83.8600, 10.9880

# Conversions

## Conversions Part 2

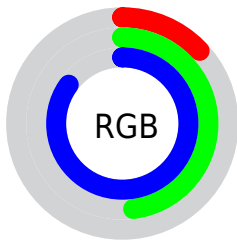
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 93, 218
Decimal	2194138
CIE <sub>Lab</sub>	51.04, 9.62, -56.19
CIE <sub>LCh</sub>	51, 57.007, 279.712
Yxy	19.3044, 0.1865, 0.1779
Android (android.graphics.Color)	4280384218 (0xFF217ADA)
YUV	106.3330, 55.0518, -64.3130
Hunter-Lab	43.9367, 5.3456, -62.3408

# Details

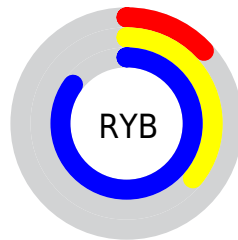
The Hex color **217ADA** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **DA8121**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **6FAEFF**, and **004AA2** is the 20% darker color. If you saturate the color by 10%, you get **0B6FDA**, and if you desaturate by 10%, it is **3785DA**.

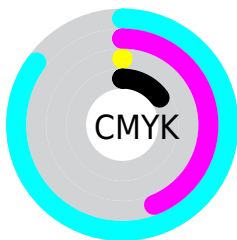
# Distribution



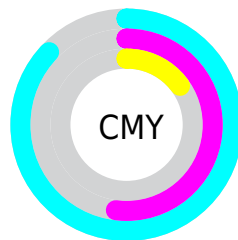
- Red (13%)
- Green (48%)
- Blue (85%)



- Red (13%)
- Yellow (36%)
- Blue (85%)



- Cyan (85%)
- Magenta (44%)
- Yellow (0%)
- Black (15%)



- Cyan (87%)
- Magenta (52%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 217ADA 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 217ADA by changing the saturation by 10% instead.



■ 217ADA

■ 217ADA

FFFFFF

■ 0062BE

■ 6FAEFF

■ 004AA2

■ 8FC9FF

■ 003588

■ ADE5FF

■ 00216E

■ CCFFFF

■ 000855

■ EBFFFF

■ 00063C

■ 000226

■ 00010F

■ 000000

■ 217ADA

■ 217ADA

■ 0B6FDA

■ 3785DA

■ 0069DA

■ 4D91DA

■ 629CDA

■ 78A7DA

■ 8EB3DA

■ A4BEDA

■ BAC9DA

■ CFD4DA

■ E5E0DA

# Harmonies

## Analogous

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



0088D5



217ADA



9065C5

# Triad

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



217ADA



C8563E



008E56

# Complementary

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



217ADA



DA8121

# 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.



4D8827



217ADA



AC6B15

# Square

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



217ADA



D1496C



837C00



009089

# Rectangle

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



217ADA



B356AB



837C00



008C46

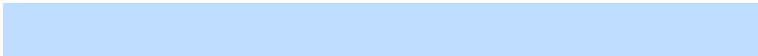


# Sweetspot

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



217ADA



BFDEFF



21DA81



596C80



000000



808080



# Same Dimension

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



217ADA



007BFF



2421DA



63686E



0053AD



00162E



# Inverse Universe

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



DA217A



FF007B



D7DA21



6E6368



AD0053



2E0016



# Previews

## White Background



This preview shows how the Hex color 217ADA 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



This preview shows how the Hex color 217ADA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

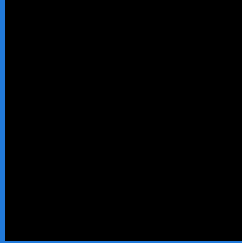
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

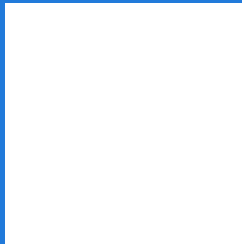
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 217ADA Background



This preview shows how black text looks on a background with the Hex color 217ADA.

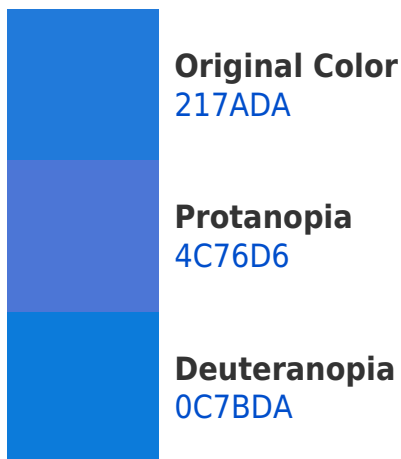


This preview shows how white text looks on a background with the Hex color 217ADA.

# 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](#).

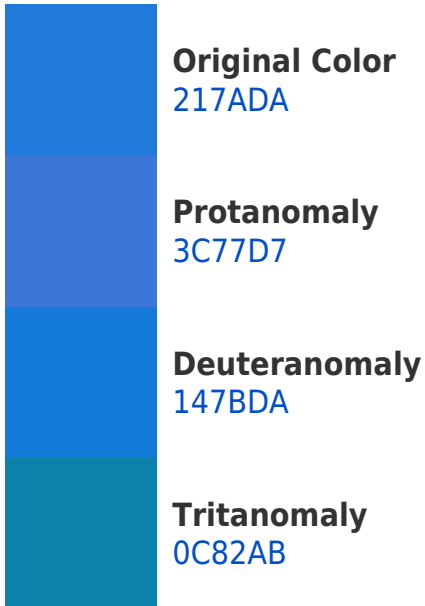
## Dichromacy





**Tritanopia**  
008690

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 217ADA 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 #217ADA looks like.

```
.text, #text, p{  
    color:#217ADA  
}
```

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 #217ADA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #217ADA
}
```

## Border

The CSS property to change the border of an element to Hex 217ADA 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
#217ADA }
```

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

```
.border{ border-color:#217ADA }
```

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

Here you see how a box with a 4 pixel #217ADA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #217ADA; -webkit-box-shadow:4px 4px  
4px 4px #217ADA; box-shadow:4px 4px 4px  
4px #217ADA }
```

# Background

The CSS property to change the background color of an element to Hex 217ADA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#217ADA }
```

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

```
.background{ background-color:#217ADA }
```

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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