

Converting Colors

Hex(216ACA)

Have a look what the booklet for
Hex(216ACA) contains.

Hex(216ACA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(216ACA)

Conversions

Conversions Part 1

Format	Color
Hex	216ACA
RGB	33, 106, 202
RGB Percent	13%, 42%, 79%
CMY	0.8706, 0.5843, 0.2078
CMYK	0.84, 0.48, 0.00, 0.21
HSL	214°, 72%, 46%
HSV	214°, 84%, 79%
XYZ	16.4419, 14.8957, 57.8857
YIQ	95.1170, -74.3240, 14.3800

Conversions

Conversions Part 2

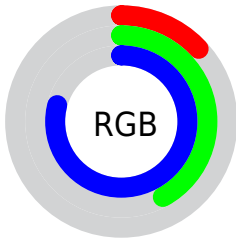
Format	Color
R_{YB}	33, 84, 202
Decimal	2190026
CIE _{Lab}	45.49, 13.55, -56.00
CIE _{LCh}	45, 57.616, 283.601
Yxy	14.8957, 0.1843, 0.1669
Android (android.graphics.Color)	4280380106 (0xFF216ACA)
YUV	95.1170, 52.6933, -54.4766
Hunter-Lab	38.5949, 8.5021, -61.9083

Details

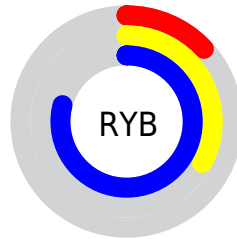
The Hex color **216ACA** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **CA8121**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **6B9DFF**, and **003C93** is the 20% darker color. If you saturate the color by 10%, you get **0D5FCA**, and if you desaturate by 10%, it is **3575CA**.

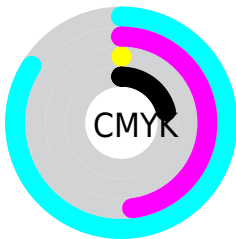
Distribution



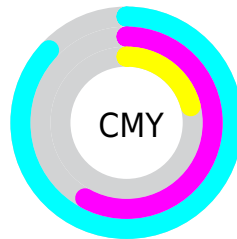
- Red (13%)
- Green (42%)
- Blue (79%)



- Red (13%)
- Yellow (33%)
- Blue (79%)



- Cyan (84%)
- Magenta (48%)
- Yellow (0%)
- Black (21%)



- Cyan (87%)
- Magenta (58%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 216ACA 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 216ACA by changing the saturation by 10% instead.

■ 216ACA

■ 216ACA

FFFFFF

■ 0052AE

■ 6B9DFF

■ 003C93

■ 8AB7FF

■ 002779

■ A9D3FF

■ 00145F

■ C7EFFF

■ 000847

■ E5FFFF

■ 00042F

■ 00011A

■ 000000

■ 216ACA

■ 216ACA

■ 0D5FCA

■ 3575CA

■ 0057CA

■ 4981CA

■ 5E8CCA

■ 7298CA

■ 86A3CA

■ 9AAFCA

■ AEBACA

■ C3C6CA

■ D7D1CA

Harmonies

Analogous

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



0079C8



216ACA



8954B2

Triad

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



216ACA



B54A2B



00804F

Complementary

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



216ACA



CA8121

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.



347B1E



216ACA



976000

Square

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



216ACA



C13858



6E7000



008281

Rectangle

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



216ACA



A94497



6E7000



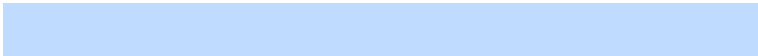
007F3E

Sweetspot

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



216ACA



BFDBFF



21CA81



596A80



000000



808080

Same Dimension

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



216ACA



006EFF



2C21CA



5C6066



0048A6



001126

Inverse Universe

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



CA216A



FF006E



BFCA21



665C60



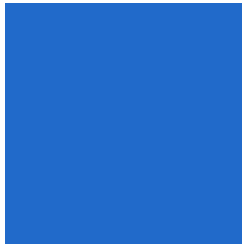
A60048



260011

Previews

White Background



This preview shows how the Hex color 216ACA looks on a white 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

Black Background



This preview shows how the Hex color 216ACA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

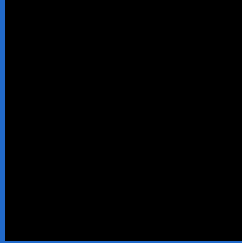
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

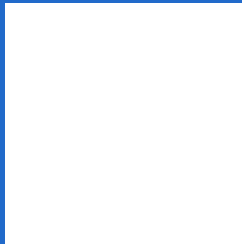
Any Text WCAG AAA × Fail

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

Hex 216ACA Background



This preview shows how black text looks on a background with the Hex color 216ACA.

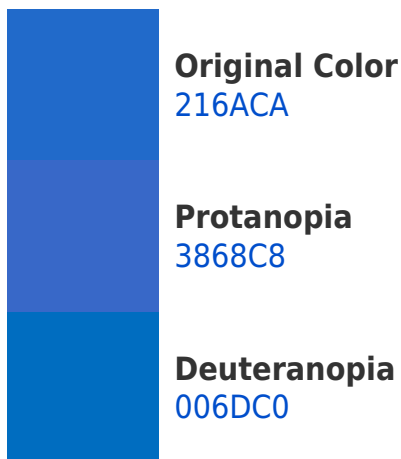


This preview shows how white text looks on a background with the Hex color 216ACA.

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](#).

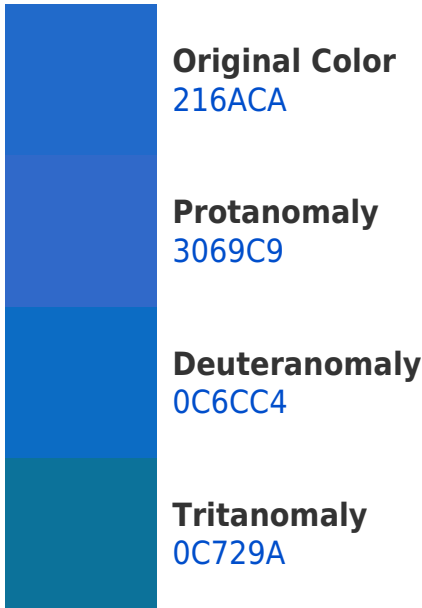
Dichromacy



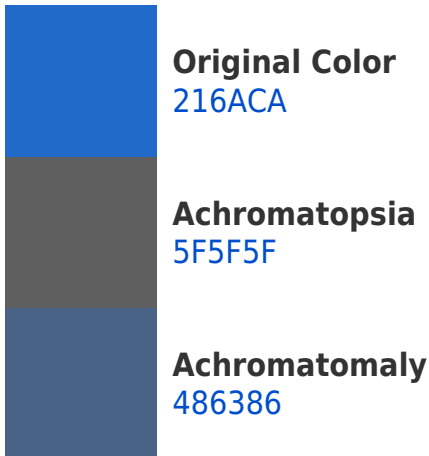


Tritanopia
00777F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 216ACA 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 #216ACA looks like.

```
.text, #text, p{  
    color:#216ACA  
}
```

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 #216ACA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #216ACA
}
```

Border

The CSS property to change the border of an element to Hex 216ACA 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
#216ACA }
```

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

```
.border{ border-color:#216ACA }
```

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

Here you see how a box with a 4 pixel #216ACA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #216ACA; -webkit-box-shadow:4px 4px  
4px 4px #216ACA; box-shadow:4px 4px 4px  
4px #216ACA }
```

Background

The CSS property to change the background color of an element to Hex 216ACA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#216ACA }
```

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

```
.background{ background-color:#216ACA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor