

# Converting Colors

Hex(215BA1)

Have a look what the booklet for  
Hex(215BA1) contains.

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# Color

**Hex(215BA1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	215BA1
RGB	33, 91, 161
RGB Percent	13%, 36%, 63%
CMY	0.8706, 0.6431, 0.3686
CMYK	0.80, 0.43, 0.00, 0.37
HSL	213°, 66%, 38%
HSV	213°, 80%, 63%
XYZ	10.8013, 10.3787, 35.1522
YIQ	81.6380, -57.0380, 9.4740

# Conversions

## Conversions Part 2

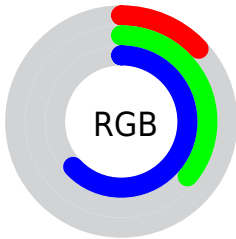
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 73, 161
Decimal	2186145
CIE <sub>Lab</sub>	38.51, 7.21, -43.21
CIE <sub>LCh</sub>	39, 43.811, 279.477
Yxy	10.3787, 0.1917, 0.1842
Android (android.graphics.Color)	4280376225 (0xFF215BA1)
YUV	81.6380, 39.1255, -42.6555
Hunter-Lab	32.2160, 3.4690, -42.1426

# Details

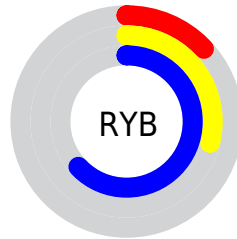
The Hex color **215BA1** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A16721**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **628DD8**, and **002E6D** is the 20% darker color. If you saturate the color by 10%, you get **1152A1**, and if you desaturate by 10%, it is **3164A1**.

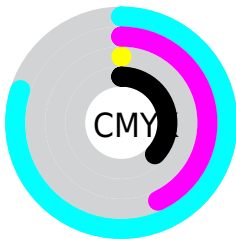
# Distribution



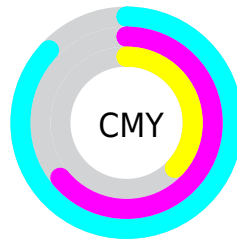
- Red (13%)
- Green (36%)
- Blue (63%)



- Red (13%)
- Yellow (29%)
- Blue (63%)



- Cyan (80%)
- Magenta (43%)
- Yellow (0%)
- Black (37%)



- Cyan (87%)
- Magenta (64%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 215BA1 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 215BA1 by changing the saturation by 10% instead.



 215BA1	 215BA1
 FFFFFFFF	 004486
 628DD8	 002E6D
 7FA7F5	 001A54
 9BC2FF	 00053C
 B8DEFF	 000226
 D6FAFF	 00010E
 F3FFFF	 000000
 215BA1	 215BA1
 1152A1	 3164A1

0149A1

416DA1

0049A1

5175A1

617EA1

7287A1

8290A1

9299A1

A2A1A1

B2AAA1

# Harmonies

## Analogous

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



00659D



215BA1



6B4C92

# Triad

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



215BA1



95412F



006A40

# Complementary

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



215BA1



A16721

# 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.



3C651F



215BA1



805014

# Square

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



215BA1



9B3851



625D09



006C65

# Rectangle

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



215BA1



85427F



625D09



0E6935



# Sweetspot

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



215BA1



9FB6D1



21A165



4A5869



E8E8E8



696969



# Same Dimension

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



215BA1



0A64D1



2521A1



494D52



004291



000812



# Inverse Universe

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



A1215B



D10A64



9DA121



52494D



910042



120008



# Previews

## White Background



This preview shows how the Hex color 215BA1 looks on a white background.

## Color Contrast Check

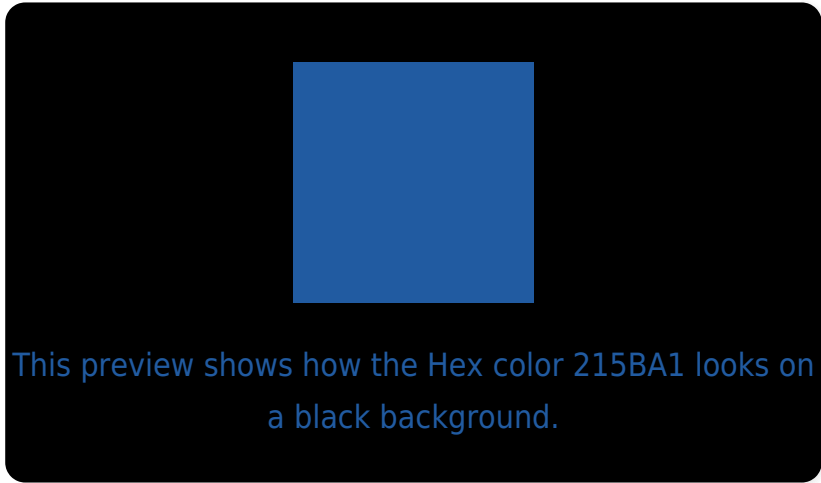
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

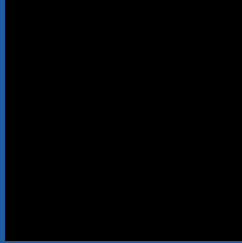
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 215BA1 Background



This preview shows how black text looks on a background with the Hex color 215BA1.

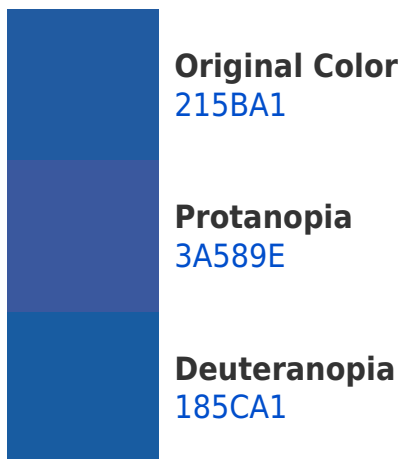


This preview shows how white text looks on a background with the Hex color 215BA1.

# 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](#).

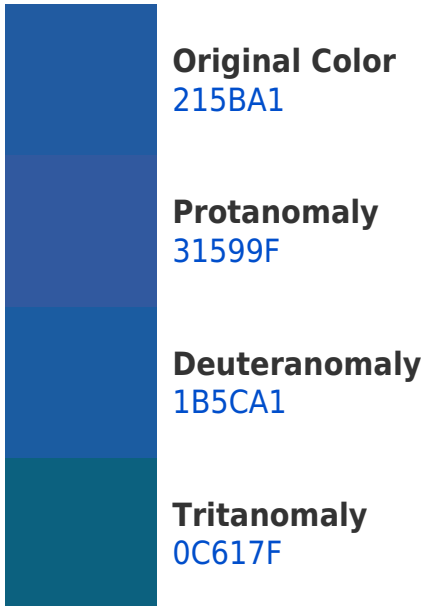
## Dichromacy



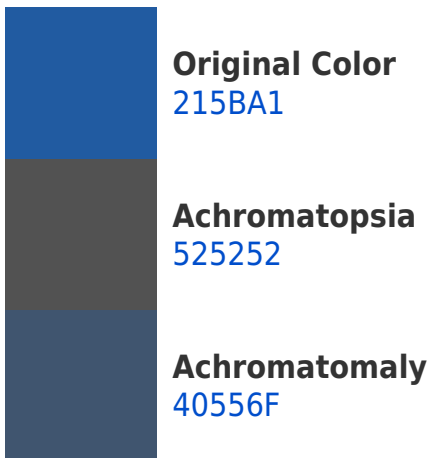


**Tritanopia**  
00646C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 215BA1 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 #215BA1 looks like.

```
.text, #text, p{  
    color:#215BA1  
}
```

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 #215BA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #215BA1
}
```

## Border

The CSS property to change the border of an element to Hex 215BA1 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
#215BA1 }
```

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

```
.border{ border-color:#215BA1 }
```

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

Here you see how a box with a 4 pixel #215BA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #215BA1; -webkit-box-shadow:4px 4px  
4px 4px #215BA1; box-shadow:4px 4px 4px  
4px #215BA1 }
```

# Background

The CSS property to change the background color of an element to Hex 215BA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#215BA1 }
```

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

```
.background{ background-color:#215BA1 }
```

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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