

Converting Colors

Hex(215182)

Have a look what the booklet for
Hex(215182) contains.

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Color

Hex(215182)

Conversions

Conversions Part 1

Format	Color
Hex	215182
RGB	33, 81, 130
RGB Percent	13%, 32%, 51%
CMY	0.8706, 0.6824, 0.4902
CMYK	0.75, 0.38, 0.00, 0.49
HSL	210°, 60%, 32%
HSV	210°, 75%, 51%
XYZ	7.5989, 7.8199, 22.2280
YIQ	72.2340, -44.3370, 5.0630

Conversions

Conversions Part 2

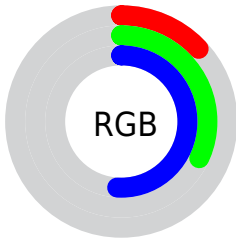
Format	Color
R_YB	33, 65, 130
Decimal	2183554
CIE _{Lab}	33.60, 1.58, -32.24
CIE _{LCh}	34, 32.276, 272.811
Yxy	7.8199, 0.2018, 0.2077
Android (android.graphics.Color)	4280373634 (0xFF215182)
YUV	72.2340, 28.4786, -34.4082
Hunter-Lab	27.9641, -0.4320, -27.5533

Details

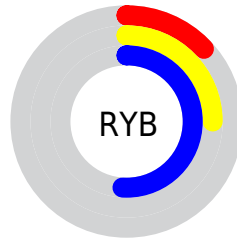
The Hex color **215182** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **825221**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **5B82B7**, and **002550** is the 20% darker color. If you saturate the color by 10%, you get **144A82**, and if you desaturate by 10%, it is **2E5882**.

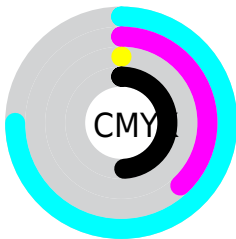
Distribution



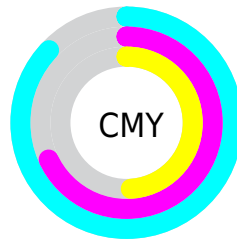
- Red (13%)
- Green (32%)
- Blue (51%)



- Red (13%)
- Yellow (25%)
- Blue (51%)



- Cyan (75%)
- Magenta (38%)
- Yellow (0%)
- Black (49%)



- Cyan (87%)
- Magenta (68%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 215182 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 215182 by changing the saturation by 10% instead.

■ 215182

■ 215182

FFFFFF

■ 003A69

■ 5B82B7

■ 002550

■ 769CD3

■ 001039

■ 92B7F0

■ 000223

■ AED2FF

■ 00000A

■ CAEEFF

■ 000000

■ E7FFFF

■ 215182

■ 215182

■ 144A82

■ 2E5882

074482

3B5E82

004082

486582

556B82

627282

6F7882

7C7F82

898682

968C82

Harmonies

Analogous

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



00587C



215182



54477A

Triad

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



215182



7C3C35



1D5A37

Complementary

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



215182



825221

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.



415622



215182



704521

Square

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



215182



7D394E



5B4E19



005C51

Rectangle

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



215182



68406E



5B4E19



2B592F

Sweetspot

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



215182



8396A8



218252



3E4954



D4D4D4



545454

Same Dimension

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



215182



115CA8



212182



393D40



003F80



000000

Inverse Universe

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



822151



A8115C



828221



40393D



80003F



000000

Previews

White Background



This preview shows how the Hex color 215182 looks on a white background.

Color Contrast Check

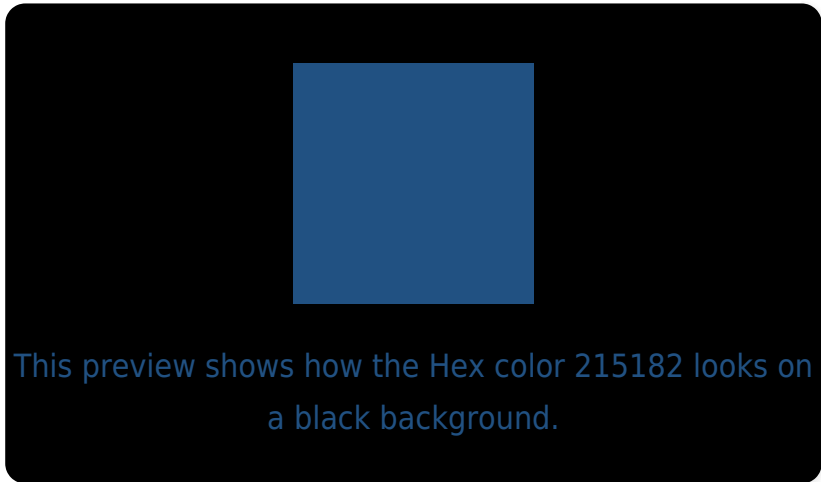
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

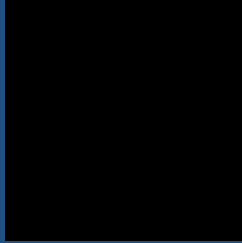
Any Text WCAG AA × Fail

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 215182 Background



This preview shows how black text looks on a background with the Hex color 215182.



This preview shows how white text looks on a background with the Hex color 215182.

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

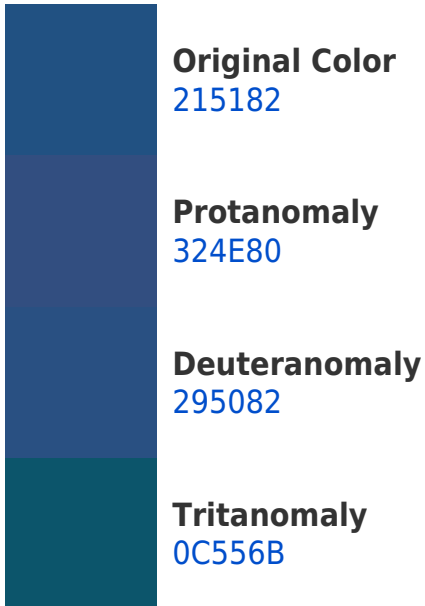


Original Color
215182

Protanopia
3C4D7F

Deuteranopia
2D4F82

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 215182 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 #215182 looks like.

```
.text, #text, p{  
    color:#215182  
}
```

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 #215182 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #215182
}
```

Border

The CSS property to change the border of an element to Hex 215182 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".

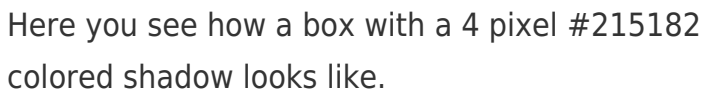
```
.border, #border, table{ border:4px solid
#215182 }
```

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

```
.border{ border-color:#215182 }
```

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

Here you see how a box with a 4 pixel #215182 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #215182; -webkit-box-shadow:4px 4px  
4px 4px #215182; box-shadow:4px 4px 4px  
4px #215182 }
```

Background

The CSS property to change the background color of an element to Hex 215182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#215182 }
```

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

```
.background{ background-color:#215182 }
```

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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