

Converting Colors

Hex(215E96)

Have a look what the booklet for
Hex(215E96) contains.

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Color

Hex(215E96)

Conversions

Conversions Part 1

Format	Color
Hex	215E96
RGB	33, 94, 150
RGB Percent	13%, 37%, 59%
CMY	0.8706, 0.6314, 0.4118
CMYK	0.78, 0.37, 0.00, 0.41
HSL	209°, 64%, 36%
HSV	209°, 78%, 59%
XYZ	10.1349, 10.5307, 30.3526
YIQ	82.1450, -54.3320, 4.4840

Conversions

Conversions Part 2

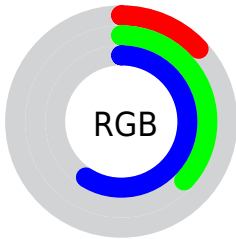
Format	Color
R_{YB}	33, 73, 150
Decimal	2186902
CIE _{Lab}	38.78, 0.98, -36.20
CIE _{LCh}	39, 36.217, 271.558
Yxy	10.5307, 0.1987, 0.2064
Android (android.graphics.Color)	4280376982 (0xFF215E96)
YUV	82.1450, 33.4525, -43.1002
Hunter-Lab	32.4511, -1.0415, -32.7402

Details

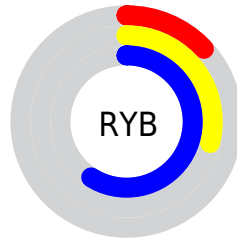
The Hex color **215E96** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **965921**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **5F90CD**, and **003163** is the 20% darker color. If you saturate the color by 10%, you get **125796**, and if you desaturate by 10%, it is **306596**.

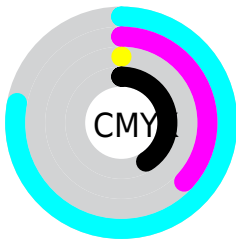
Distribution



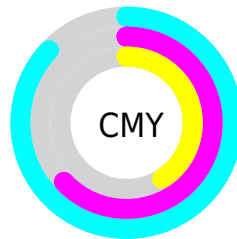
- Red (13%)
- Green (37%)
- Blue (59%)



- Red (13%)
- Yellow (29%)
- Blue (59%)



- Cyan (78%)
- Magenta (37%)
- Yellow (0%)
- Black (41%)



- Cyan (87%)
- Magenta (63%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 215E96 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 215E96 by changing the saturation by 10% instead.

■ 215E96

■ 215E96

FFFFFF

■ 00477C

■ 5F90CD

■ 003163

■ 7CAA E9

■ 001C4A

■ 98C6FF

■ 000434

■ B5E2FF

■ 00021D

■ D2FEFF

■ 000000

■ EFFFFFF

■ 215E96

■ 215E96

■ 125796

■ 306596

035096

3F6C96

004E96

4E7496

5D7B96

6C8296

7B8996

8A9096

999796

A89F96

Harmonies

Analogous

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



00668F



215E96



5F538E

Triad

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



215E96



90453E



23683E

Complementary

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



215E96



965921

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.



4C6327



215E96



824F27

Square

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



215E96



90415B



6A5A1D



006A5C

Rectangle

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



215E96



774B80



6A5A1D



346635

Sweetspot

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



215E96



95ACC2



219658



465461



E0E0E0



616161

Same Dimension

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



215E96



0C6BC2



212596



43464A



00488A



00050A

Inverse Universe

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



96215E



C20C6B



969221



4A4346



8A0048



0A0005

Previews

White Background



This preview shows how the Hex color 215E96 looks on a white background.

Color Contrast Check

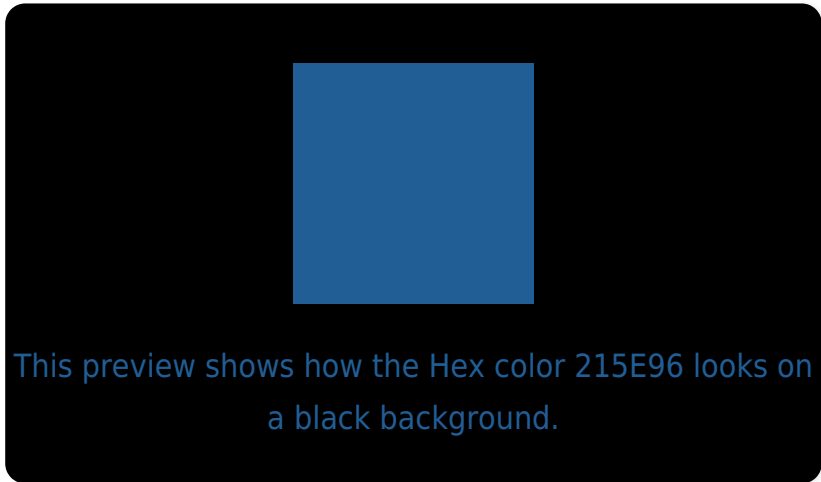
Large Text (above 18pt) WCAG AA ✓ Pass

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

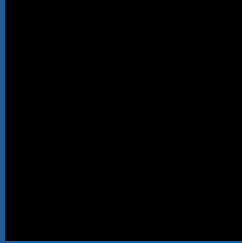
Any Text WCAG AA × Fail

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 215E96 Background



This preview shows how black text looks on a background with the Hex color 215E96.

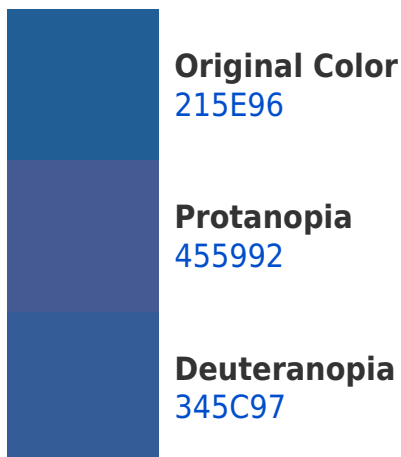


This preview shows how white text looks on a background with the Hex color 215E96.

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](#).

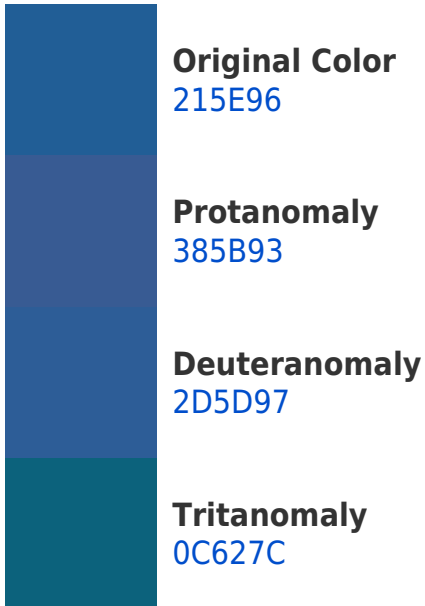
Dichromacy





Tritanopia
00656D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 215E96 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 #215E96 looks like.

```
.text, #text, p{  
    color:#215E96  
}
```

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 #215E96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #215E96
}
```

Border

The CSS property to change the border of an element to Hex 215E96 is called "border". The border property can be set on classes, ids or directly on the HTML element.

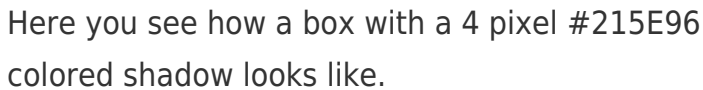
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#215E96 }
```

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

```
.border{ border-color:#215E96 }
```

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



Here you see how a box with a 4 pixel #215E96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #215E96; -webkit-box-shadow:4px 4px  
4px 4px #215E96; box-shadow:4px 4px 4px  
4px #215E96 }
```

Background

The CSS property to change the background color of an element to Hex 215E96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#215E96 }
```

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

```
.background{ background-color:#215E96 }
```

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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