

Converting Colors

Hex(215966)

Have a look what the booklet for
Hex(215966) contains.

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Color

Hex(215966)

Conversions

Conversions Part 1

Format	Color
Hex	215966
RGB	33, 89, 102
RGB Percent	13%, 35%, 40%
CMY	0.8706, 0.6510, 0.6000
CMYK	0.68, 0.13, 0.00, 0.60
HSL	191°, 51%, 26%
HSV	191°, 68%, 40%
XYZ	6.5979, 8.4274, 13.8493
YIQ	73.7380, -37.5490, -7.8290

Conversions

Conversions Part 2

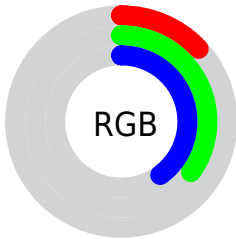
Format	Color
R_YB	33, 64, 102
Decimal	2185574
CIE Lab	34.86, -13.72, -12.90
CIE LCh	35, 18.832, 223.220
Yxy	8.4274, 0.2285, 0.2919
Android (android.graphics.Color)	4280375654 (0xFF215966)
YUV	73.7380, 13.9332, -35.7272
Hunter-Lab	29.0300, -10.2335, -7.9644




Details

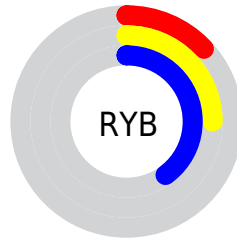
The Hex color **215966** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **662E21**, and the grayscale version is **4A4A4A**.




A 20% lighter version of the original color is **568B99**, and **002B37** is the 20% darker color. If you saturate the color by 10%, you get **175766**, and if you desaturate by 10%, it is **2B5B66**.

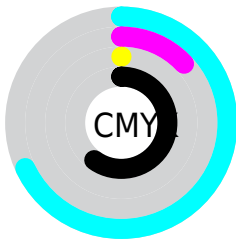
Distribution







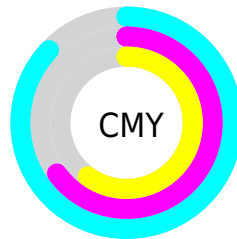
-  Red (13%)
-  Green (35%)
-  Blue (40%)






-  Red (13%)
-  Yellow (25%)
-  Blue (40%)



-  Cyan (68%)
-  Magenta (13%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (87%)
-  Magenta (65%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 215966 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 215966 by changing the saturation by 10% instead.

■ 215966

■ 215966

FFFFFF

■ 00424E

■ 568B99

■ 002B37

■ 71A5B4

■ 001822

■ 8CC1CF

■ 00000A

■ A7DDEC

■ 000000

■ C3F9FF

■ DFFFFF

■ FFFFFFFF

■ 215966

■ 215966

■ 175766

■ 2B5B66

■ 0D5566

■ 355D66

■ 025366

■ 405F66

■ 005366

■ 4A6166

■ 546366

■ 5E6566

■ 686666

■ 736866

■ 7D6A66

Harmonies

Analogous

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



245A58



215966



31566E

Triad

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



215966



6A485B



565335

Complementary

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



215966



662E21

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.



644E35



215966



70474C

Square

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



215966



5C4C68



6D493E



45573C

Rectangle

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



215966



405370



6D493E



5B5234

Sweetspot

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



215966



6A8085



21662E



323F42



C2C2C2



424242

Same Dimension

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



215966



197085



213766



2E3233



005D73



00C5F2

Inverse Universe

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



662159



851970



665021



332E32



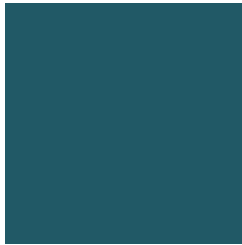
73005D



F200C5

Previews

White Background



This preview shows how the Hex color 215966 looks on a white background.

Color Contrast Check

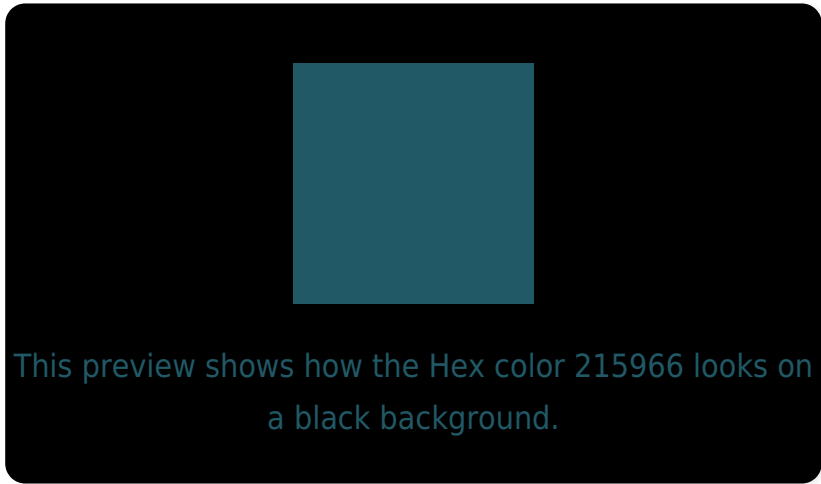
Large Text (above 18pt) WCAG AA ✓ Pass

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

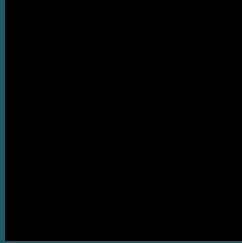
Any Text WCAG AA × Fail

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 215966 Background



This preview shows how black text looks on a background with the Hex color 215966.

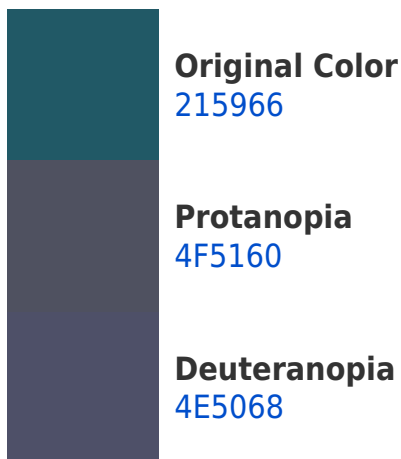



This preview shows how white text looks on a background with the Hex color 215966.

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](#).

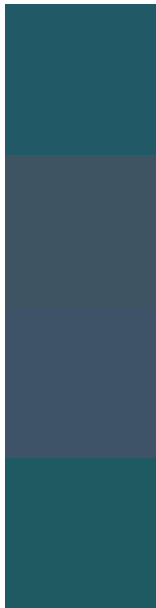
Dichromacy





Tritanopia
1E5A61

Trichromacy



Original Color
215966

Protanomaly
3E5462

Deuteranomaly
3E5367

Tritanomaly
1F5A63

Monochromacy



Original Color
215966

Achromatopsia
4A4A4A

Achromatomaly
3B4F54

CSS Examples

Text

The CSS property to change the color of the text to Hex 215966 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 #215966 looks like.

```
.text, #text, p{  
    color:#215966  
}
```

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 #215966 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #215966
}
```

Border

The CSS property to change the border of an element to Hex 215966 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
#215966 }
```

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

```
.border{ border-color:#215966 }
```

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

Here you see how a box with a 4 pixel #215966 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #215966; -webkit-box-shadow:4px 4px  
4px 4px #215966; box-shadow:4px 4px 4px  
4px #215966 }
```

Background

The CSS property to change the background color of an element to Hex 215966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#215966 }
```

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

```
.background{ background-color:#215966 }
```

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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