

Converting Colors

Hex(216793)

Have a look what the booklet for
Hex(216793) contains.

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Color

Hex(216793)

Conversions

Conversions Part 1

Format	Color
Hex	216793
RGB	33, 103, 147
RGB Percent	13%, 40%, 58%
CMY	0.8706, 0.5961, 0.4235
CMYK	0.78, 0.30, 0.00, 0.42
HSL	203°, 63%, 35%
HSV	203°, 78%, 58%
XYZ	10.7439, 12.1304, 29.3789
YIQ	87.0860, -55.8440, -1.1560

Conversions

Conversions Part 2

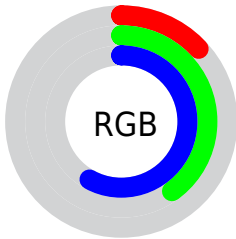
Format	Color
R_{YB}	33, 76, 147
Decimal	2189203
CIE _{Lab}	41.42, -5.76, -30.23
CIE _{LCh}	41, 30.776, 259.222
Yxy	12.1304, 0.2056, 0.2321
Android (android.graphics.Color)	4280379283 (0xFF216793)
YUV	87.0860, 29.5376, -47.4334
Hunter-Lab	34.8287, -5.8869, -25.6325

Details

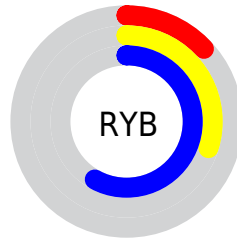
The Hex color **216793** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **934D21**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **5F9AC9**, and **003860** is the 20% darker color. If you saturate the color by 10%, you get **126193**, and if you desaturate by 10%, it is **306D93**.

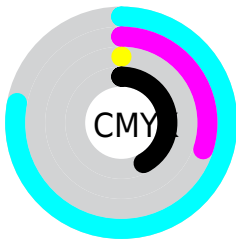
Distribution



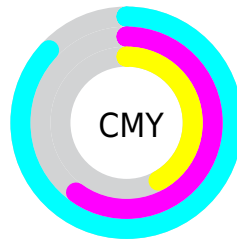
- Red (13%)
- Green (40%)
- Blue (58%)



- Red (13%)
- Yellow (30%)
- Blue (58%)



- Cyan (78%)
- Magenta (30%)
- Yellow (0%)
- Black (42%)



- Cyan (87%)
- Magenta (60%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 216793 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 216793 by changing the saturation by 10% instead.

■ 216793

■ 216793

FFFFFF

■ 004F79

■ 5F9AC9

■ 003860

■ 7BB5E5

■ 002348

■ 97D0FF

■ 000D31

■ B4ECFF

■ 00011C

■ D1FFFF

■ 000000

■ EEEFFF

■ 216793

■ 216793

■ 126193

■ 306D93

■ 045C93

■ 3E7293

■ 005A93

■ 4D7893

■ 5C7E93

■ 6A8393

■ 798993

■ 888F93

■ 979493

■ A59A93

Harmonies

Analogous

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



006C87



216793



565F91

Triad

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



216793



924E52



446B40

Complementary

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



216793



934D21

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.



616531



216793



8B543C

Square

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



216793



8C4E6C



795D2F



1B6E57

Rectangle

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



216793



6E5889



795D2F



4E6939

Sweetspot

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



216793



93AEBF



21934D



465661



E0E0E0



616161

Same Dimension

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



216793



0D7BBF



212E93



43474A



00558A



00060A

Inverse Universe

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



932167



BF0D7B



938621



4A4347



8A0055



0A0006

Previews

White Background



This preview shows how the Hex color 216793 looks on a white background.

Color Contrast Check

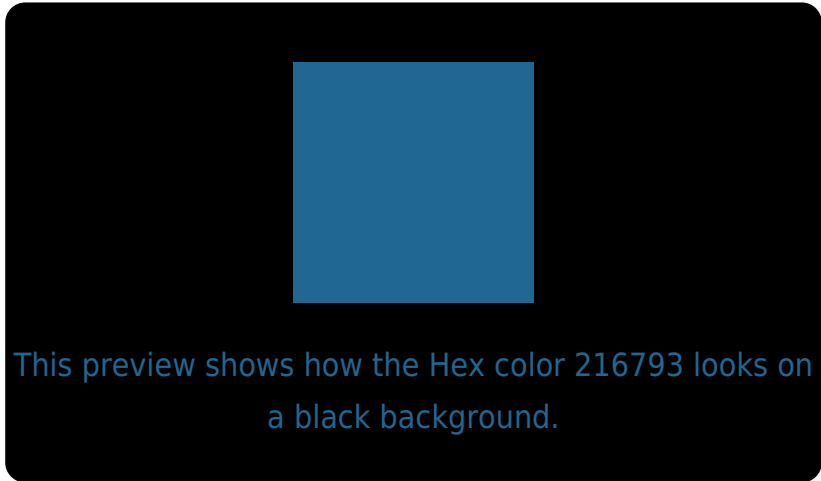
Large Text (above 18pt) WCAG AA ✓ Pass

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

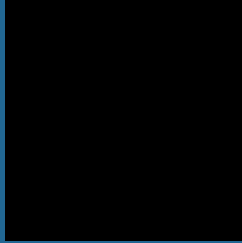
Any Text WCAG AA × Fail

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 216793 Background



This preview shows how black text looks on a background with the Hex color 216793.



This preview shows how white text looks on a background with the Hex color 216793.

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](#).

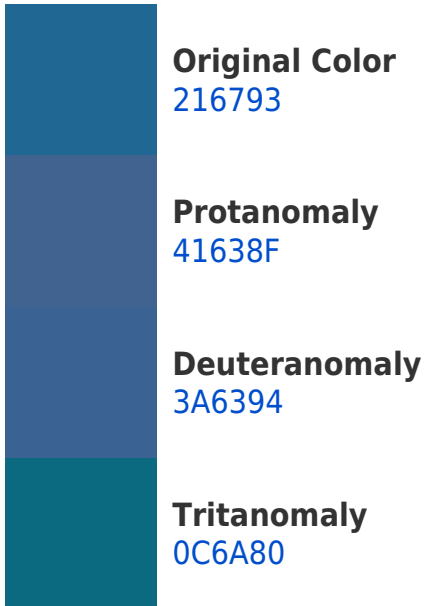
Dichromacy



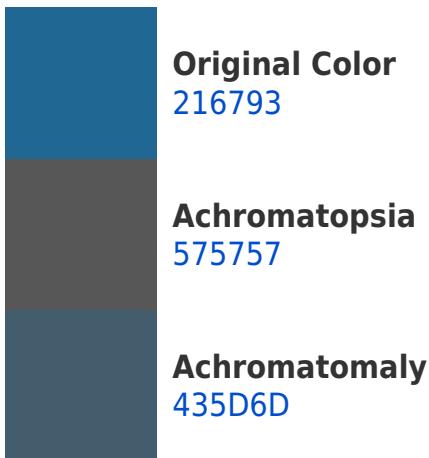


Tritanopia
006C75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 216793 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 #216793 looks like.

```
.text, #text, p{  
    color:#216793  
}
```

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 #216793 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #216793
}
```

Border

The CSS property to change the border of an element to Hex 216793 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
#216793 }
```

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

```
.border{ border-color:#216793 }
```

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

Here you see how a box with a 4 pixel #216793 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #216793; -webkit-box-shadow:4px 4px  
4px 4px #216793; box-shadow:4px 4px 4px  
4px #216793 }
```

Background

The CSS property to change the background color of an element to Hex 216793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#216793 }
```

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

```
.background{ background-color:#216793 }
```

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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