

Converting Colors

Hex(216776)

Have a look what the booklet for
Hex(216776) contains.

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Color

Hex(216776)

Conversions

Conversions Part 1

Format	Color
Hex	216776
RGB	33, 103, 118
RGB Percent	13%, 40%, 46%
CMY	0.8706, 0.5961, 0.5373
CMYK	0.72, 0.13, 0.00, 0.54
HSL	191°, 56%, 30%
HSV	191°, 72%, 46%
XYZ	8.7475, 11.3318, 18.8658
YIQ	83.7800, -46.5350, -10.1750

Conversions

Conversions Part 2

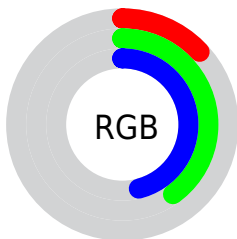
Format	Color
RYB	33, 71, 118
Decimal	2189174
CIELab	40.13, -16.21, -14.72
CIELCh	40, 21.894, 222.231
Yxy	11.3318, 0.2246, 0.2910
Android (android.graphics.Color)	4280379254 (0xFF216776)
YUV	83.7800, 16.8705, -44.5341
Hunter-Lab	33.6628, -12.5257, -9.6642




Details

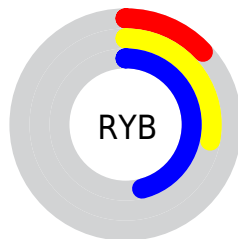
The Hex color **216776** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **763021**, and the grayscale version is **545454**.




A 20% lighter version of the original color is **5A9AAA**, and **003846** is the 20% darker color. If you saturate the color by 10%, you get **156576**, and if you desaturate by 10%, it is **2D6976**.

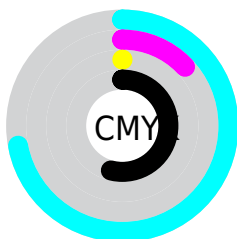
Distribution







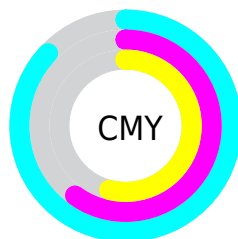
-  Red (13%)
-  Green (40%)
-  Blue (46%)






-  Red (13%)
-  Yellow (28%)
-  Blue (46%)



-  Cyan (72%)
-  Magenta (13%)
-  Yellow (0%)
-  Black (54%)




-  Cyan (87%)
-  Magenta (60%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 216776 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 216776 by changing the saturation by 10% instead.

 216776

 216776


FFFFFF

 004F5D

 5A9AAA

 003846

 75B5C5

 00222F

 91D1E1


 00021B

 ADEDFE

 000000

 C9FFFF

 E6FFFF

 216776

 216776

 156576

 2D6976

096376

396B76

006176

446D76

506F76

5C7176

687376

747676

7F7876

8B7A76

Harmonies

Analogous

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



266866



216776



366380

Triad

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



216776



7B526A



63603B

Complementary

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



216776



763021

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.



745A3D



216776



825158

Square

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



216776



6A5779



7F5447



506544

Rectangle

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



216776



486082



7F5447



695E3B

Sweetspot

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



216776



779399



21762F



39494D



CCCCCC



4D4D4D

Same Dimension

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



216776



158299



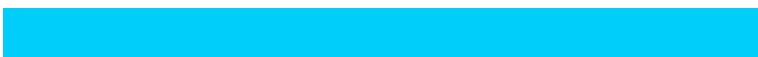
213D76



353A3B



00657A



00CEFA

Inverse Universe

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



762167



991582



765A21



3B353A



7A0065



FA00CE

Previews

White Background



This preview shows how the Hex color 216776 looks on a white background.

Color Contrast Check

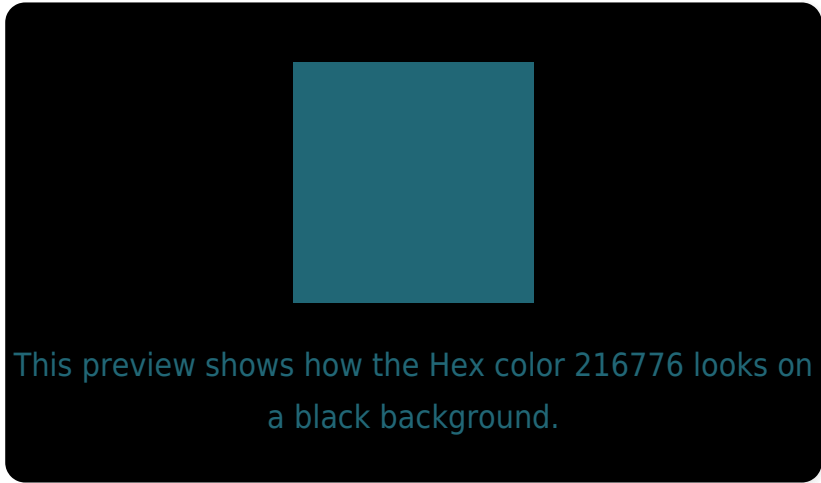
Large Text (above 18pt) WCAG AA ✓ Pass

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

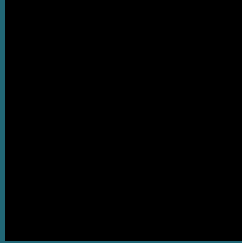
Any Text WCAG AA × Fail

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 216776 Background



This preview shows how black text looks on a background with the Hex color 216776.

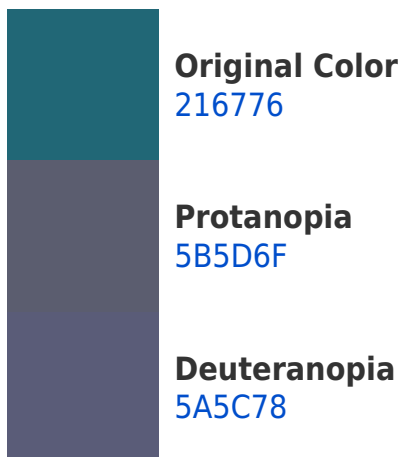


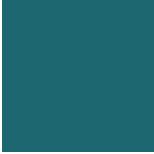
This preview shows how white text looks on a background with the Hex color 216776.

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](#).

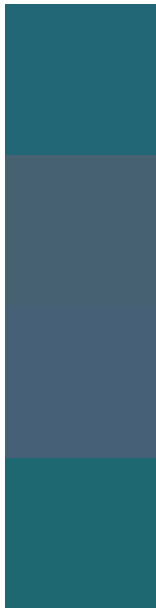
Dichromacy





Tritanopia
1D6870

Trichromacy



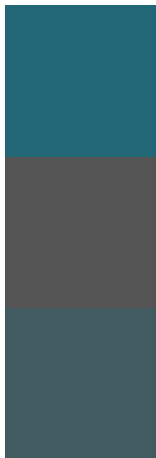
Original Color
216776

Protanomaly
466172

Deuteranomaly
456077

Tritanomaly
1E6872

Monochromacy



Original Color
216776

Achromatopsia
545454

Achromatomaly
415B60

CSS Examples

Text

The CSS property to change the color of the text to Hex 216776 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 #216776 looks like.

```
.text, #text, p{  
    color:#216776  
}
```

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 #216776 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #216776
}
```

Border

The CSS property to change the border of an element to Hex 216776 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
#216776 }
```

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

```
.border{ border-color:#216776 }
```

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

Here you see how a box with a 4 pixel #216776 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #216776; -webkit-box-shadow:4px 4px  
4px 4px #216776; box-shadow:4px 4px 4px  
4px #216776 }
```

Background

The CSS property to change the background color of an element to Hex 216776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#216776 }
```

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

```
.background{ background-color:#216776 }
```

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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