

Converting Colors

Hex(216D76)

Have a look what the booklet for
Hex(216D76) contains.

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Color

Hex(216D76)

Conversions

Conversions Part 1

Format	Color
Hex	216D76
RGB	33, 109, 118
RGB Percent	13%, 43%, 46%
CMY	0.8706, 0.5725, 0.5373
CMYK	0.72, 0.08, 0.00, 0.54
HSL	186°, 56%, 30%
HSV	186°, 72%, 46%
XYZ	9.3659, 12.5686, 19.0719
YIQ	87.3020, -48.1850, -13.3130

Conversions

Conversions Part 2

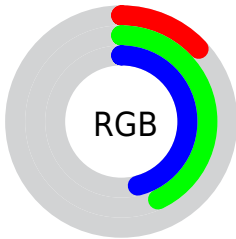
Format	Color
RYB	33, 73, 118
Decimal	2190710
CIELab	42.11, -19.51, -11.72
CIELCh	42, 22.762, 210.991
Yxy	12.5686, 0.2284, 0.3065
Android (android.graphics.Color)	4280380790 (0xFF216D76)
YUV	87.3020, 15.1341, -47.6229
Hunter-Lab	35.4522, -14.8849, -7.0791

Details

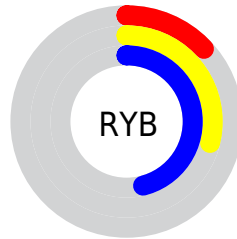
The Hex color **216D76** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **762A21**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **5BA1AA**, and **003D46** is the 20% darker color. If you saturate the color by 10%, you get **156C76**, and if you desaturate by 10%, it is **2D6E76**.

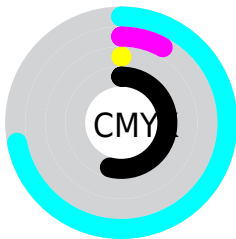
Distribution



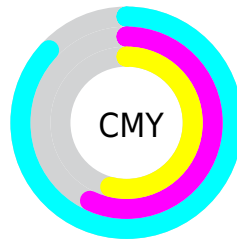
- Red (13%)
- Green (43%)
- Blue (46%)



- Red (13%)
- Yellow (29%)
- Blue (46%)



- Cyan (72%)
- Magenta (8%)
- Yellow (0%)
- Black (54%)




- Cyan (87%)
- Magenta (57%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 216D76 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 216D76 by changing the saturation by 10% instead.

 216D76

 216D76


FFFFFF

 00555D

 5BA1AA

 003D46

 76BCC5

 00272F

 92D8E1


 000F1B


 AEF4FE

 000000

 CAFFFF

 E7FFFF

 216D76

 216D76

 156C76

 2D6E76

096B76

396F76

006A76

447176

507276

5C7376

687476

747676

7F7776

8B7876

Harmonies

Analogous

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



2F6E63



216D76



2E6A84

Triad

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



216D76



7C5876



70623E

Complementary

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



216D76



762A21

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.



7F5C43



216D76



875563

Square

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



216D76



675E83



885751



5C6843

Rectangle

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



216D76



416788



885751



75603E

Sweetspot

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



216D76



779599



217629



394A4D



CCCCCC



4D4D4D

Same Dimension

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



216D76



158B99



214376



353A3B



006D7A



00DFFA

Inverse Universe

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



76216D



99158B



765421



3B353A



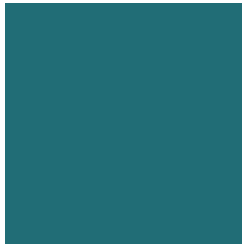
7A006D



FA00DF

Previews

White Background



This preview shows how the Hex color 216D76 looks on a white background.

Color Contrast Check

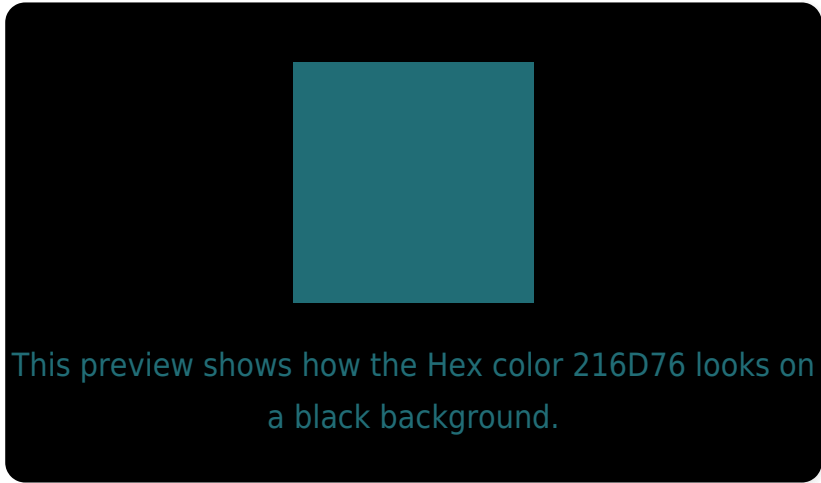
Large Text (above 18pt) WCAG AA ✓ Pass

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

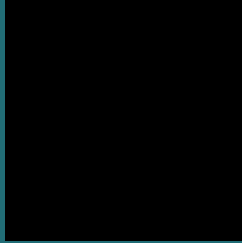
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

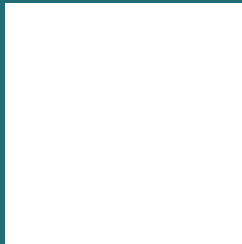
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 216D76 Background



This preview shows how black text looks on a background with the Hex color 216D76.

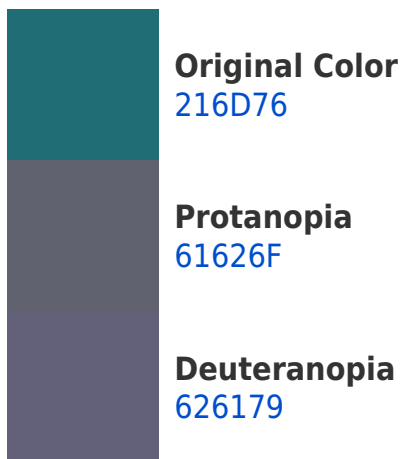


This preview shows how white text looks on a background with the Hex color 216D76.

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](#).

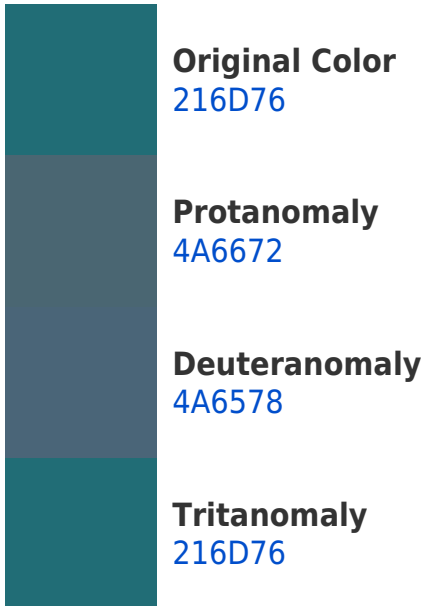
Dichromacy





Tritanopia
216D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 216D76 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 #216D76 looks like.

```
.text, #text, p{  
    color:#216D76  
}
```

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 #216D76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #216D76
}
```

Border

The CSS property to change the border of an element to Hex 216D76 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
#216D76 }
```

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

```
.border{ border-color:#216D76 }
```

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

Here you see how a box with a 4 pixel #216D76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #216D76; -webkit-box-shadow:4px 4px  
4px 4px #216D76; box-shadow:4px 4px 4px  
4px #216D76 }
```

Background

The CSS property to change the background color of an element to Hex 216D76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#216D76 }
```

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

```
.background{ background-color:#216D76 }
```

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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