

Converting Colors

Hex(20716A)

Have a look what the booklet for
Hex(20716A) contains.

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Color

Hex(20716A)

Conversions

Conversions Part 1

Format	Color
Hex	20716A
RGB	32, 113, 106
RGB Percent	13%, 44%, 42%
CMY	0.8745, 0.5569, 0.5843
CMYK	0.72, 0.00, 0.06, 0.56
HSL	175°, 56%, 28%
HSV	175°, 72%, 44%
XYZ	9.1023, 13.1579, 15.6957
YIQ	87.9830, -46.0290, -19.3490

Conversions

Conversions Part 2

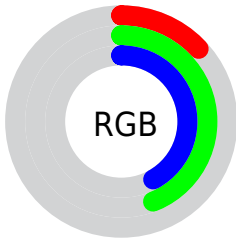
Format	Color
RYB	32, 74, 113
Decimal	2126186
CIELab	43.00, -25.55, -3.14
CIELCh	43, 25.747, 187.009
Yxy	13.1579, 0.2398, 0.3467
Android (android.graphics.Color)	4280316266 (0xFF20716A)
YUV	87.9830, 8.8824, -49.0971
Hunter-Lab	36.2739, -18.6877, -0.2630

Details

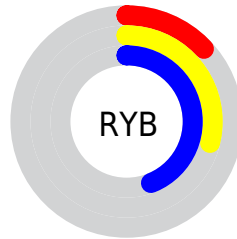
The Hex color **20716A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **712027**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **59A59D**, and **00403B** is the 20% darker color. If you saturate the color by 10%, you get **157169**, and if you desaturate by 10%, it is **2B716B**.

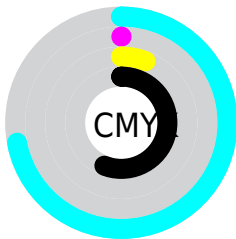
Distribution



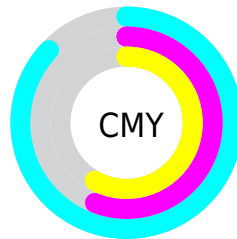
- Red (13%)
- Green (44%)
- Blue (42%)



- Red (13%)
- Yellow (29%)
- Blue (44%)



- Cyan (72%)
- Magenta (0%)
- Yellow (6%)
- Black (56%)



- Cyan (87%)
- Magenta (56%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20716A 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 20716A by changing the saturation by 10% instead.

 20716A

 20716A

FFFFFF

 005852

 59A59D

 00403B

 75C1B8

 002A25

 90DDD4

 001311

 ACF9F0

 000000

 C8FFFF

 E5FFFF

 20716A

 20716A

 157169

 2B716B

■ 097168

■ 37716C

■ 007167

■ 42716D

■ 4D716E

■ 59716F

■ 647170

■ 6F7171

■ 7A7172

■ 867173

Harmonies

Analogous

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



3E7054



20716A



0A707E

Triad

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



20716A



6F5E88



815F3F

Complementary

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



20716A



712027

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.



8D584D



20716A



845777

Square

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



20716A



4F6690



8F5561



6F663B

Rectangle

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



20716A



1D6E89



8F5561



865C43

Sweetspot

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



20716A



739491



287120



374A48



C9C9C9



4A4A4A

Same Dimension

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



20716A



159489



205171



323838



00786D



00F7E2

Inverse Universe

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



712027



941520



714020



383233



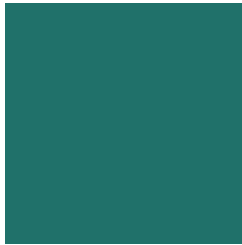
78000A



F70015

Previews

White Background



This preview shows how the Hex color 20716A looks on a white background.

Color Contrast Check

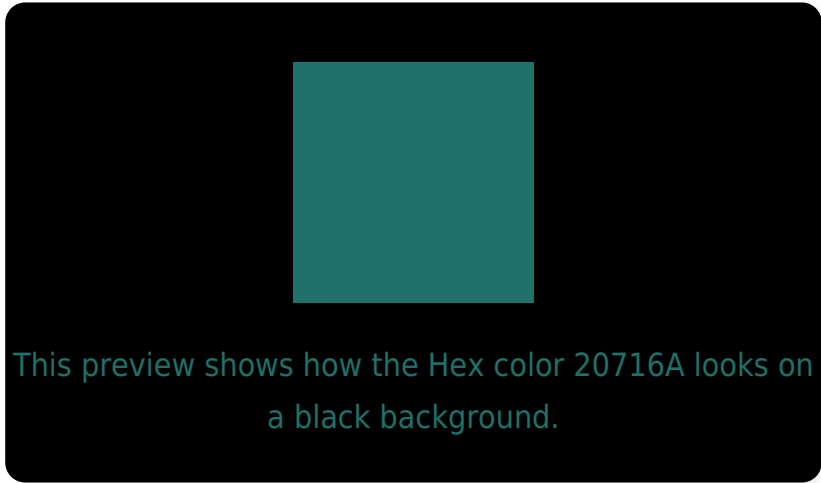
Large Text (above 18pt) WCAG AA ✓ Pass

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

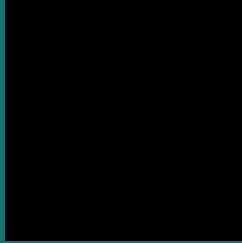
Any Text WCAG AA × Fail

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 20716A Background



This preview shows how black text looks on a background with the Hex color 20716A.



This preview shows how white text looks on a background with the Hex color 20716A.

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



Original Color
20716A

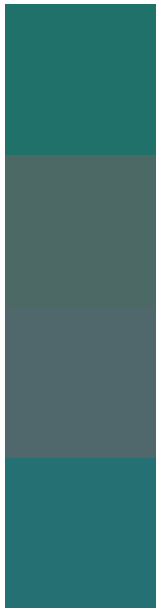
Protanopia
676563

Deuteranopia
6B626D



Tritanopia
286F78

Trichromacy



Original Color
20716A

Protanomaly
4D6966

Deuteranomaly
50676C

Tritanomaly
257073

Monochromacy



Original Color
20716A

Achromatopsia
585858

Achromatomaly
44615F

CSS Examples

Text

The CSS property to change the color of the text to Hex 20716A 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 #20716A looks like.

```
.text, #text, p{  
    color:#20716A  
}
```

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 #20716A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20716A
}
```

Border

The CSS property to change the border of an element to Hex 20716A 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
#20716A }
```

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

```
.border{ border-color:#20716A }
```

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

Here you see how a box with a 4 pixel #20716A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20716A; -webkit-box-shadow:4px 4px  
4px 4px #20716A; box-shadow:4px 4px 4px  
4px #20716A }
```

Background

The CSS property to change the background color of an element to Hex 20716A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20716A }
```

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

```
.background{ background-color:#20716A }
```

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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