

Converting Colors

Hex(28736B)

Have a look what the booklet for
Hex(28736B) contains.

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Color

Hex(28736B)

Conversions

Conversions Part 1

Format	Color
Hex	28736B
RGB	40, 115, 107
RGB Percent	16%, 45%, 42%
CMY	0.8431, 0.5490, 0.5804
CMYK	0.65, 0.00, 0.07, 0.55
HSL	174°, 48%, 30%
HSV	174°, 65%, 45%
XYZ	9.6596, 13.7741, 16.0595
YIQ	91.6630, -42.1320, -18.3880

Conversions

Conversions Part 2

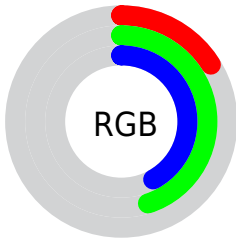
Format	Color
RYB	40, 80, 115
Decimal	2650987
CIELab	43.91, -24.89, -2.38
CIELCh	44, 25.001, 185.468
Yxy	13.7741, 0.2446, 0.3488
Android (android.graphics.Color)	4280841067 (0xFF28736B)
YUV	91.6630, 7.5611, -45.3085
Hunter-Lab	37.1135, -18.4899, 0.3239

Details

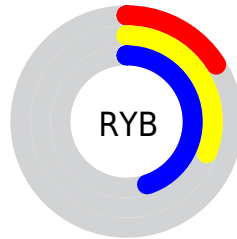
The Hex color **28736B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **732830**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **5FA79E**, and **00423C** is the 20% darker color. If you saturate the color by 10%, you get **1D736A**, and if you desaturate by 10%, it is **33736C**.

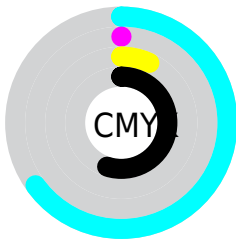
Distribution



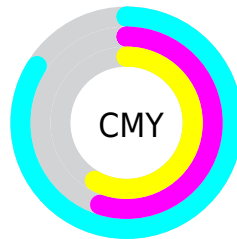
- Red (16%)
- Green (45%)
- Blue (42%)



- Red (16%)
- Yellow (31%)
- Blue (45%)



- Cyan (65%)
- Magenta (0%)
- Yellow (7%)
- Black (55%)



- Cyan (84%)
- Magenta (55%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28736B 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 28736B by changing the saturation by 10% instead.

■ 28736B

■ 28736B

FFFFFF

■ 015A53

■ 5FA79E

■ 00423C

■ 7AC3B9

■ 002C26

■ 95DFD5

■ 001712

■ B1FCF1

■ 000000

■ CEFFFF

■ EBFFFF

■ 28736B

■ 28736B

■ 1D736A

■ 33736C

■ 117369

■ 3F736D

■ 057367

■ 4B736F

■ 007367

■ 567370

■ 627371

■ 6D7372

■ 797374

■ 847375

■ 907376

Harmonies

Analogous

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



437256



28736B



18727F

Triad

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



28736B



6F618A



846142

Complementary

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



28736B



732830

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.



8F5A51



28736B



855A79

Square

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



28736B



516991



905865



72683E

Rectangle

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



28736B



247089



905865



885E46

Sweetspot

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



28736B



789693



317328



3A4D4B



CCCCCC



4D4D4D

Same Dimension

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



28736B



21968A



285673



353B3A



007A6D



00FADF

Inverse Universe

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



732830



96212E



734528



3B3535



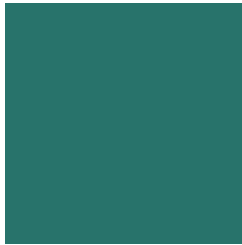
7A000D



FA001B

Previews

White Background



This preview shows how the Hex color 28736B looks on a white background.

Color Contrast Check

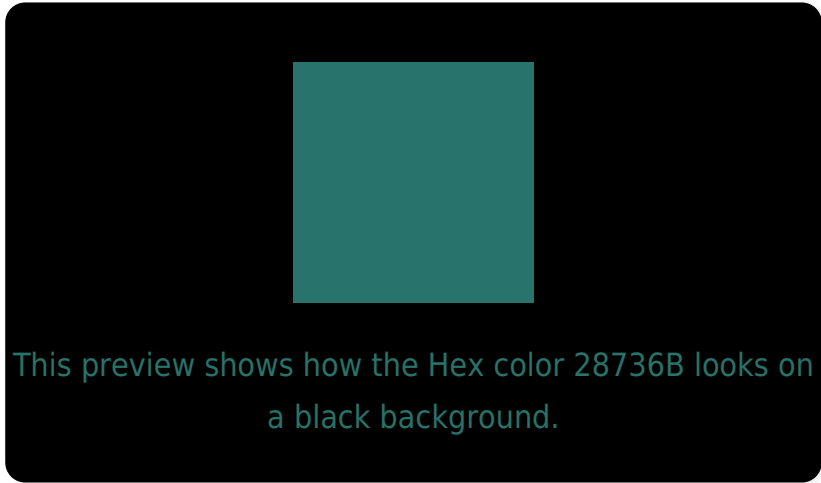
Large Text (above 18pt) WCAG AA ✓ Pass

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

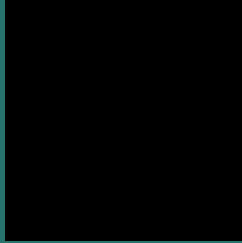
Any Text WCAG AA × Fail

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 28736B Background



This preview shows how black text looks on a background with the Hex color 28736B.



This preview shows how white text looks on a background with the Hex color 28736B.

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
28736B

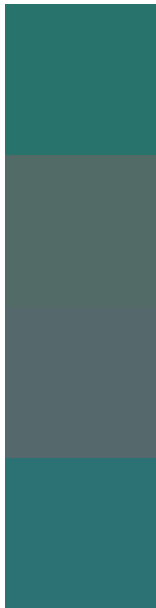
Protanopia
6A6764

Deuteranopia
6E646E



Tritanopia
2F717A

Trichromacy



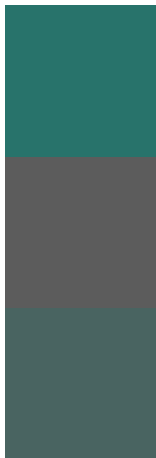
Original Color
28736B

Protanomaly
526B67

Deuteranomaly
55696D

Tritanomaly
2C7275

Monochromacy



Original Color
28736B

Achromatopsia
5C5C5C

Achromatomaly
496461

CSS Examples

Text

The CSS property to change the color of the text to Hex 28736B 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 #28736B looks like.

```
.text, #text, p{  
    color:#28736B  
}
```

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 #28736B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28736B
}
```

Border

The CSS property to change the border of an element to Hex 28736B 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
#28736B }
```

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

```
.border{ border-color:#28736B }
```

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

Here you see how a box with a 4 pixel #28736B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28736B; -webkit-box-shadow:4px 4px  
4px 4px #28736B; box-shadow:4px 4px 4px  
4px #28736B }
```

Background

The CSS property to change the background color of an element to Hex 28736B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28736B }
```

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

```
.background{ background-color:#28736B }
```

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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