

Converting Colors

Hex(2A6268)

Have a look what the booklet for
Hex(2A6268) contains.

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Color

Hex(2A6268)

Conversions

Conversions Part 1

Format	Color
Hex	2A6268
RGB	42, 98, 104
RGB Percent	16%, 38%, 41%
CMY	0.8353, 0.6157, 0.5922
CMYK	0.60, 0.06, 0.00, 0.59
HSL	186°, 42%, 29%
HSV	186°, 60%, 41%
XYZ	7.8212, 10.2271, 14.6585
YIQ	81.9400, -35.3020, -10.0060

Conversions

Conversions Part 2

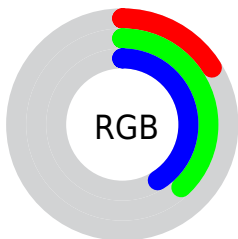
Format	Color
RYB	42, 71, 104
Decimal	2777704
CIELab	38.25, -16.35, -8.97
CIELCh	38, 18.647, 208.770
Yxy	10.2271, 0.2391, 0.3127
Android (android.graphics.Color)	4280967784 (0xFF2A6268)
YUV	81.9400, 10.8756, -35.0274
Hunter-Lab	31.9798, -12.3094, -4.7907

Details

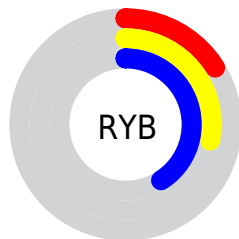
The Hex color **2A6268** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **68302A**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **5E959B**, and **003339** is the 20% darker color. If you saturate the color by 10%, you get **206168**, and if you desaturate by 10%, it is **346368**.

Distribution



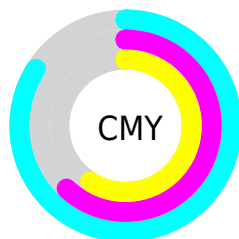
- Red (16%)
- Green (38%)
- Blue (41%)



- Red (16%)
- Yellow (28%)
- Blue (41%)



- Cyan (60%)
- Magenta (6%)
- Yellow (0%)
- Black (59%)



- Cyan (84%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A6268 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 2A6268 by changing the saturation by 10% instead.

 2A6268

 2A6268

FFFFFF

 0B4A50

 5E959B

 003339

 79B0B6

 001E24

 93CBD1

 00010E

 AFE7EE

 000000

 CBFFFF

 E8FFFF

 2A6268

 2A6268

 206168

 346368

■ 156068

■ 3F6468

■ 0B5F68

■ 496568

■ 005E68

■ 546668

■ 5E6768

■ 686868

■ 736968

■ 7D6A68

■ 886B68

Harmonies

Analogous

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



336259



2A6268



316073

Triad

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



2A6268



6D516A



65593C

Complementary

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



2A6268



68302A

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.



725441



2A6268



774F5B

Square

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



2A6268



5B5674



78504C



555D3F

Rectangle

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



2A6268



3E5D77



78504C



6A573D

Sweetspot

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



2A6268



6F8587



2A682F



364345



C4C4C4



454545

Same Dimension

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



2A6268



267E87



2A4468



2E3333



006873



00DBF2

Inverse Universe

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



682A62



87267E



684E2A



332E33



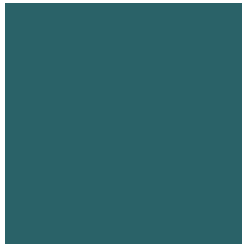
730068



F200DB

Previews

White Background



This preview shows how the Hex color 2A6268 looks on a white background.

Color Contrast Check

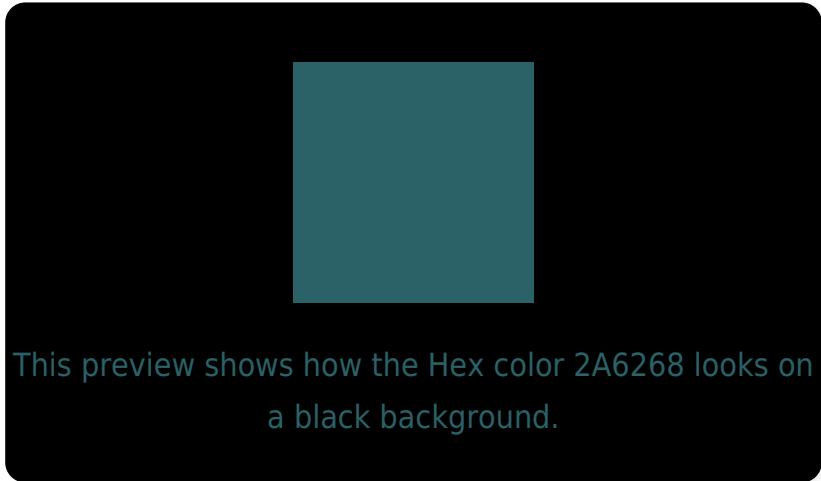
Large Text (above 18pt) WCAG AA ✓ Pass

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

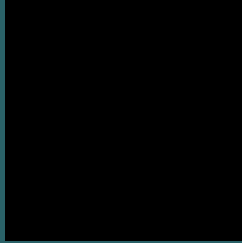
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

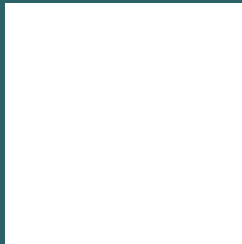
Any Text WCAG AAA × Fail

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

Hex 2A6268 Background



This preview shows how black text looks on a background with the Hex color 2A6268.

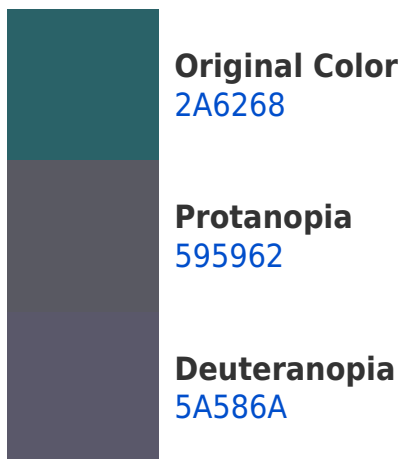


This preview shows how white text looks on a background with the Hex color 2A6268.

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](#).

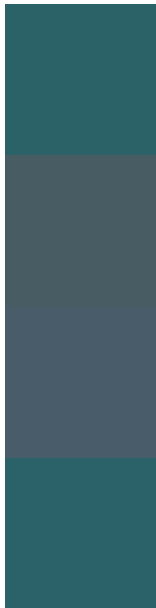
Dichromacy





Tritanopia
2B626A

Trichromacy



Original Color
2A6268

Protanomaly
485C64

Deuteranomaly
495C69

Tritanomaly
2B6269

Monochromacy



Original Color
2A6268

Achromatopsia
525252

Achromatomaly
43585A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A6268 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 #2A6268 looks like.

```
.text, #text, p{  
    color:#2A6268  
}
```

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 #2A6268 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A6268
}
```

Border

The CSS property to change the border of an element to Hex 2A6268 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
#2A6268 }
```

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

```
.border{ border-color:#2A6268 }
```

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

Here you see how a box with a 4 pixel #2A6268 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A6268; -webkit-box-shadow:4px 4px  
4px 4px #2A6268; box-shadow:4px 4px 4px  
4px #2A6268 }
```

Background

The CSS property to change the background color of an element to Hex 2A6268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A6268 }
```

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

```
.background{ background-color:#2A6268 }
```

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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