

Converting Colors

Hex(2A6A6A)

Have a look what the booklet for
Hex(2A6A6A) contains.

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Color

Hex(2A6A6A)

Conversions

Conversions Part 1

Format	Color
Hex	2A6A6A
RGB	42, 106, 106
RGB Percent	16%, 42%, 42%
CMY	0.8353, 0.5843, 0.5843
CMYK	0.60, 0.00, 0.00, 0.58
HSL	180°, 43%, 29%
HSV	180°, 60%, 42%
XYZ	8.7104, 11.8409, 15.4621
YIQ	86.8640, -38.1440, -13.5680

Conversions

Conversions Part 2

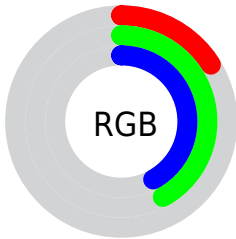
Format	Color
RYB	42, 74, 106
Decimal	2779754
CIELab	40.96, -20.10, -6.13
CIELCh	41, 21.016, 196.968
Yxy	11.8409, 0.2419, 0.3288
Android (android.graphics.Color)	4280969834 (0xFF2A6A6A)
YUV	86.8640, 9.4340, -39.3457
Hunter-Lab	34.4106, -15.0347, -2.5540

Details

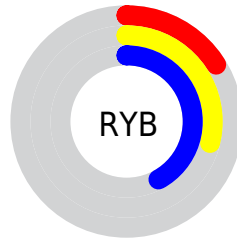
The Hex color **2A6A6A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A2A2A**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **5F9E9D**, and **003A3B** is the 20% darker color. If you saturate the color by 10%, you get **1F6A6A**, and if you desaturate by 10%, it is **356A6A**.

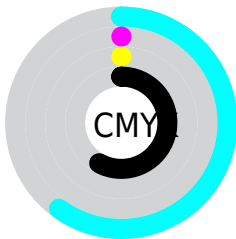
Distribution



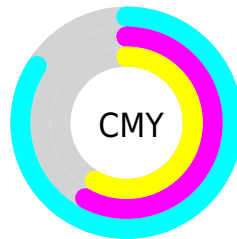
- Red (16%)
- Green (42%)
- Blue (42%)



- Red (16%)
- Yellow (29%)
- Blue (42%)



- Cyan (60%)
- Magenta (0%)
- Yellow (0%)
- Black (58%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2A6A6A 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 2A6A6A by changing the saturation by 10% instead.

 2A6A6A

 2A6A6A

FFFFFF

 085252

 5F9E9D

 003A3B

 7AB9B8

 002425

 95D4D4

 000711

 B1F1F0

 000000

 CDFFFF

 EAFFFF

 2A6A6A

 2A6A6A

 1F6A6A

 356A6A

■ 156A6A

■ 3F6A6A

■ 0A6A6A

■ 4A6A6A

■ 006A6A

■ 546A6A

■ 5F6A6A

■ 6A6A6A

■ 746A6A

■ 7F6A6A

■ 896A6A

Harmonies

Analogous

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



3B6A58



2A6A6A



2A6879

Triad

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



2A6A6A



6F5978



735D3F

Complementary

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



2A6A6A



6A2A2A

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.



7F5748



2A6A6A



7E5469

Square

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



2A6A6A



585F81



835457



63633F

Rectangle

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



2A6A6A



366680



835457



785B41

Sweetspot

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



2A6A6A



718A8A



2A6A2A



364545



C4C4C4



454545

Same Dimension

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



2A6A6A



278A8A



2A4A6A



303636



007575



00F5F5

Inverse Universe

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



6A2A6A



8A278A



6A4A2A



363036



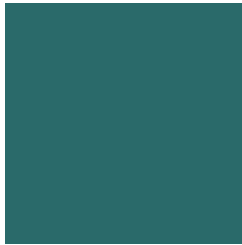
750075



F500F5

Previews

White Background



This preview shows how the Hex color 2A6A6A looks on a white background.

Color Contrast Check

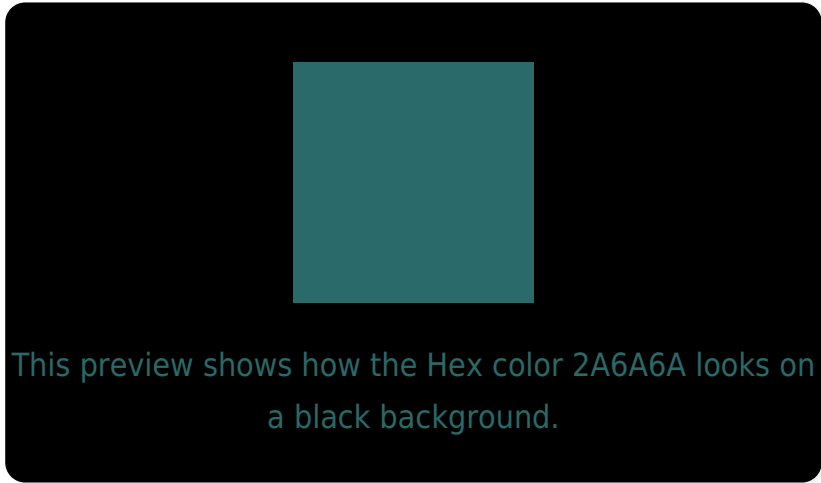
Large Text (above 18pt) WCAG AA ✓ Pass

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 2A6A6A Background



This preview shows how black text looks on a background with the Hex color 2A6A6A.



This preview shows how white text looks on a background with the Hex color 2A6A6A.

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
2A6A6A

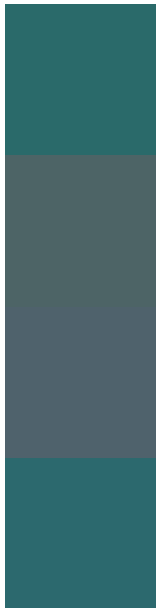
Protanopia
616064

Deuteranopia
645E6D



Tritanopia
2D6971

Trichromacy



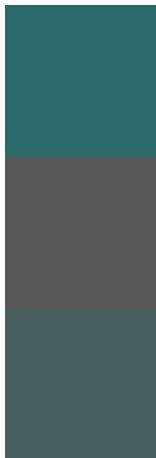
Original Color
2A6A6A

Protanomaly
4D6466

Deuteranomaly
4F626C

Tritanomaly
2C696E

Monochromacy



Original Color
2A6A6A

Achromatopsia
575757

Achromatomaly
475E5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A6A6A 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 #2A6A6A looks like.

```
.text, #text, p{  
    color:#2A6A6A  
}
```

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 #2A6A6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A6A6A
}
```

Border

The CSS property to change the border of an element to Hex 2A6A6A 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
#2A6A6A }
```

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

```
.border{ border-color:#2A6A6A }
```

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

Here you see how a box with a 4 pixel #2A6A6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A6A6A; -webkit-box-shadow:4px 4px  
4px 4px #2A6A6A; box-shadow:4px 4px 4px  
4px #2A6A6A }
```

Background

The CSS property to change the background color of an element to Hex 2A6A6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A6A6A }
```

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

```
.background{ background-color:#2A6A6A }
```

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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