

Converting Colors

Hex(28626A)

Have a look what the booklet for
Hex(28626A) contains.

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Color

Hex(28626A)

Conversions

Conversions Part 1

Format	Color
Hex	28626A
RGB	40, 98, 106
RGB Percent	16%, 38%, 42%
CMY	0.8431, 0.6157, 0.5843
CMYK	0.62, 0.08, 0.00, 0.58
HSL	187°, 45%, 29%
HSV	187°, 62%, 42%
XYZ	7.8443, 10.2271, 15.1963
YIQ	81.5700, -37.1360, -9.8080

Conversions

Conversions Part 2

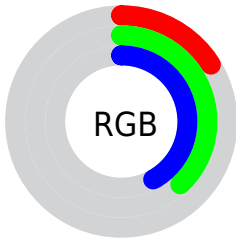
Format	Color
RYB	40, 71, 106
Decimal	2646634
CIELab	38.25, -16.13, -10.21
CIELCh	38, 19.093, 212.338
Yxy	10.2271, 0.2358, 0.3074
Android (android.graphics.Color)	4280836714 (0xFF28626A)
YUV	81.5700, 12.0440, -36.4569
Hunter-Lab	31.9798, -12.1807, -5.7877




Details

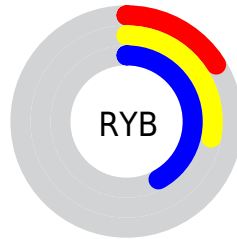
The Hex color **28626A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A3028**, and the grayscale version is **515151**.




A 20% lighter version of the original color is **5D959D**, and **00333B** is the 20% darker color. If you saturate the color by 10%, you get **1D616A**, and if you desaturate by 10%, it is **33636A**.

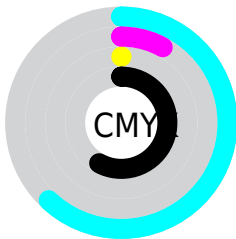
Distribution







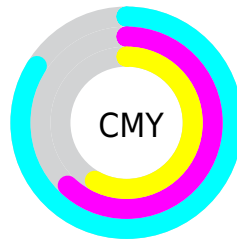
-  Red (16%)
-  Green (38%)
-  Blue (42%)






-  Red (16%)
-  Yellow (28%)
-  Blue (42%)



-  Cyan (62%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (84%)
-  Magenta (62%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28626A 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 28626A by changing the saturation by 10% instead.



28626A



28626A

FFFFFF



064A52



5D959D



00333B



77B0B8



001E25



92CBD4



000110



AEE7F0



000000



CAFFFF



E7FFFF



28626A



28626A



1D616A



33636A

■ 135F6A

■ 3D656A

■ 085E6A

■ 48666A

■ 005D6A

■ 52676A

■ 5D686A

■ 686A6A

■ 726B6A

■ 7D6C6A

■ 876E6A

Harmonies

Analogous

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



30635B



28626A



325F75

Triad

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



28626A



6F5169



64593B

Complementary

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



28626A



6A3028

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.



71543F



28626A



784E59

Square

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



28626A



5E5674



78504A



535E40

Rectangle

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



28626A



405D78



78504A



69583C

Sweetspot

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



28626A



70878A



286A30



354345



C4C4C4



454545

Same Dimension

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



28626A



227D8A



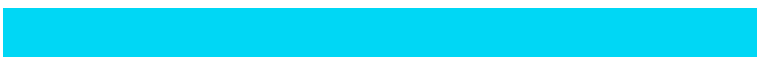
28416A



303536



006775



00D7F5

Inverse Universe

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



6A2862



8A227D



6A5128



363035



750067



F500D7

Previews

White Background



This preview shows how the Hex color 28626A looks on a white background.

Color Contrast Check

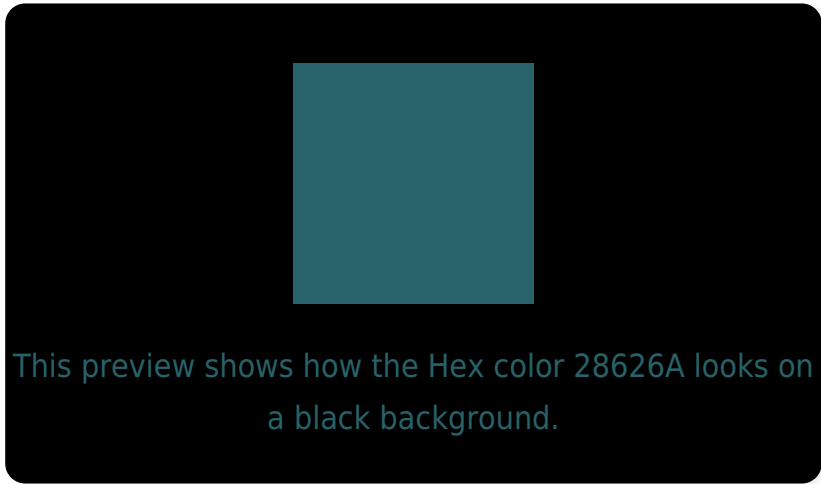
Large Text (above 18pt) WCAG AA ✓ Pass

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

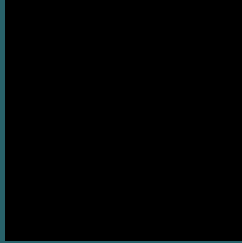
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

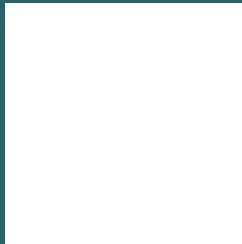
Any Text WCAG AAA × Fail

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

Hex 28626A Background



This preview shows how black text looks on a background with the Hex color 28626A.

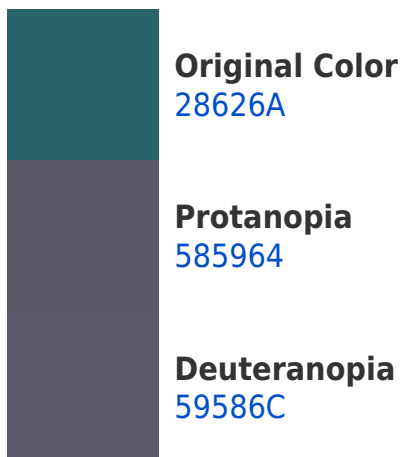



This preview shows how white text looks on a background with the Hex color 28626A.

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](#).

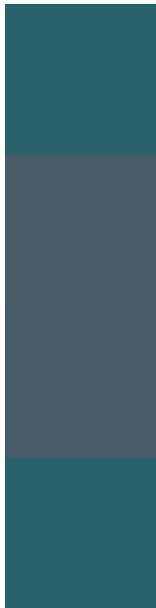
Dichromacy





Tritanopia
28626A

Trichromacy



Original Color
28626A

Protanomaly
475C66

Deuteranomaly
475C6B

Tritanomaly
28626A

Monochromacy



Original Color
28626A

Achromatopsia
525252

Achromatomaly
43585B

CSS Examples

Text

The CSS property to change the color of the text to Hex 28626A 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 #28626A looks like.

```
.text, #text, p{  
    color:#28626A  
}
```

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 #28626A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28626A
}
```

Border

The CSS property to change the border of an element to Hex 28626A 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
#28626A }
```

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

```
.border{ border-color:#28626A }
```

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

Here you see how a box with a 4 pixel #28626A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28626A; -webkit-box-shadow:4px 4px  
4px 4px #28626A; box-shadow:4px 4px 4px  
4px #28626A }
```

Background

The CSS property to change the background color of an element to Hex 28626A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28626A }
```

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

```
.background{ background-color:#28626A }
```

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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