

Converting Colors

Hex(28626D)

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

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Color

Hex(28626D)

Conversions

Conversions Part 1

Format	Color
Hex	28626D
RGB	40, 98, 109
RGB Percent	16%, 38%, 43%
CMY	0.8431, 0.6157, 0.5725
CMYK	0.63, 0.10, 0.00, 0.57
HSL	190°, 46%, 29%
HSV	190°, 63%, 43%
XYZ	8.0031, 10.2906, 16.0325
YIQ	81.9120, -38.0990, -8.8750

Conversions

Conversions Part 2

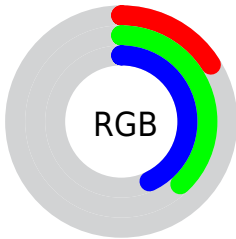
Format	Color
R_{YB}	40, 72, 109
Decimal	2646637
CIE _{Lab}	38.36, -15.16, -11.89
CIE _{LCh}	38, 19.262, 218.113
Yxy	10.2906, 0.2331, 0.2998
Android (android.graphics.Color)	4280836717 (0xFF28626D)
YUV	81.9120, 13.3544, -36.7568
Hunter-Lab	32.0790, -11.6060, -7.1768

Details

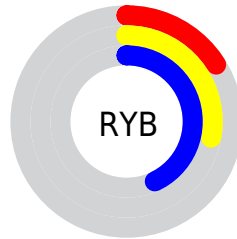
The Hex color **28626D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6D3328**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **5D95A0**, and **00333E** is the 20% darker color. If you saturate the color by 10%, you get **1D606D**, and if you desaturate by 10%, it is **33646D**.

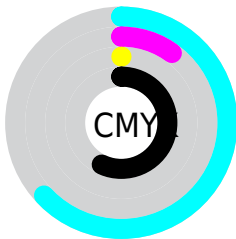
Distribution



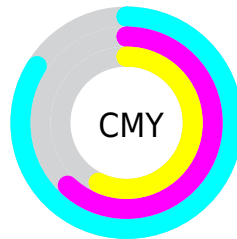
- Red (16%)
- Green (38%)
- Blue (43%)



- Red (16%)
- Yellow (28%)
- Blue (43%)



- Cyan (63%)
- Magenta (10%)
- Yellow (0%)
- Black (57%)



- Cyan (84%)
- Magenta (62%)
- Yellow (57%)

Brightness & Saturation Gradients

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

■ 28626D

■ 28626D

FFFFFF

■ 054A55

■ 5D95A0

■ 00333E

■ 78B0BB

■ 001E28

■ 93CBD7

■ 000113

■ AEE7F4

■ 000000

■ CBFFFF

■ E7FFFF

■ 28626D

■ 28626D

■ 1D606D

■ 33646D

125F6D

3E656D

075D6D

49676D

005C6D

54696D

5F6B6D

696C6D

746E6D

7F706D

8A726D

Harmonies

Analogous

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



2D635E



28626D



355F77

Triad

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



28626D



725066



615B3B

Complementary

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



28626D



6D3328

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.



6F553E



28626D



794F57

Square

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



28626D



625573



785148



505F41

Rectangle

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



28626D



445C79



785148



66593B

Sweetspot

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



28626D



748A8F



286D32



374547



C7C7C7



474747

Same Dimension

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



28626D



227D8F



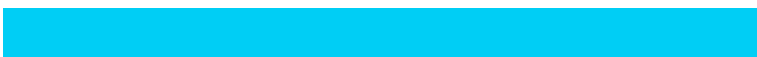
28406D



303536



006375



00CEF5

Inverse Universe

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



6D2862



8F227D



6D5528



363035



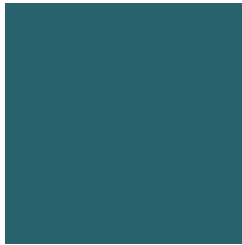
750063



F500CE

Previews

White Background



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

Color Contrast Check

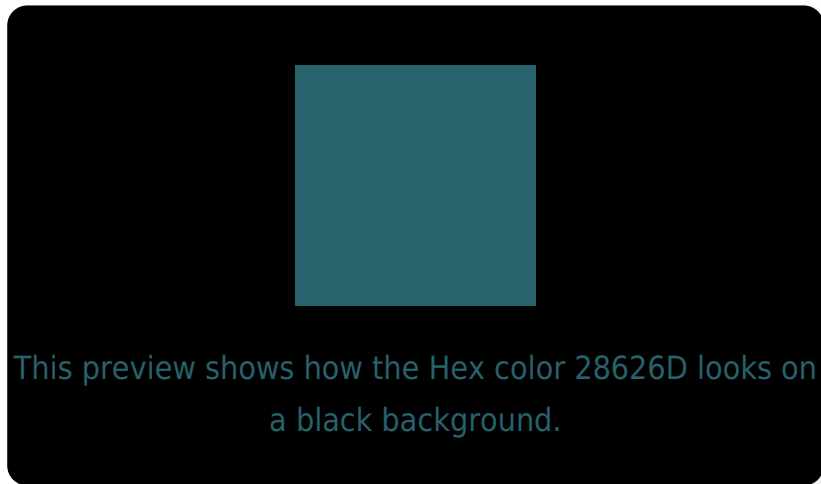
Large Text (above 18pt) WCAG AA ✓ Pass

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

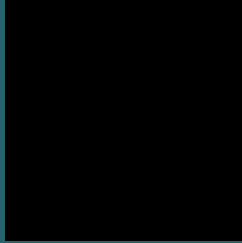
Any Text WCAG AA × Fail

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 28626D Background



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

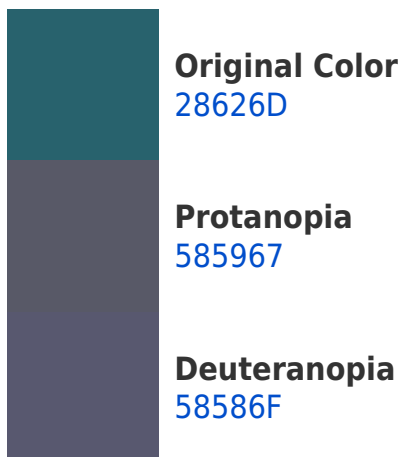



This preview shows how white text looks on a background with the Hex color 28626D.

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](#).

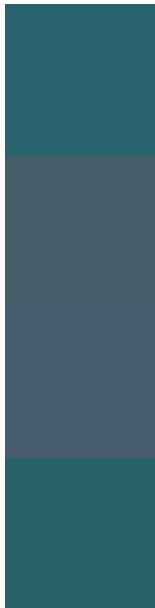
Dichromacy





Tritanopia
27626A

Trichromacy



Original Color
28626D

Protanomaly
475C69

Deuteranomaly
475C6E

Tritanomaly
27626B

Monochromacy



Original Color
28626D

Achromatopsia
525252

Achromatomaly
43585C

CSS Examples

Text

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

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

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 #28626D colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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