

Converting Colors

Hex(27586D)

Have a look what the booklet for
Hex(27586D) contains.

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Color

Hex(27586D)

Conversions

Conversions Part 1

Format	Color
Hex	27586D
RGB	39, 88, 109
RGB Percent	15%, 35%, 43%
CMY	0.8471, 0.6549, 0.5725
CMYK	0.64, 0.19, 0.00, 0.57
HSL	198°, 47%, 29%
HSV	198°, 64%, 43%
XYZ	7.0867, 8.5149, 15.7380
YIQ	75.7430, -35.9450, -3.8570

Conversions

Conversions Part 2

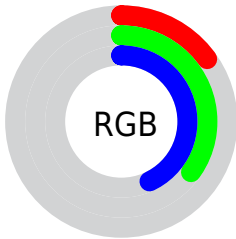
Format	Color
R_{YB}	39, 68, 109
Decimal	2578541
CIE _{Lab}	35.03, -9.52, -16.97
CIE _{LCh}	35, 19.463, 240.700
Yxy	8.5149, 0.2261, 0.2717
Android (android.graphics.Color)	4280768621 (0xFF27586D)
YUV	75.7430, 16.3957, -32.2236
Hunter-Lab	29.1803, -7.7150, -11.5511




Details

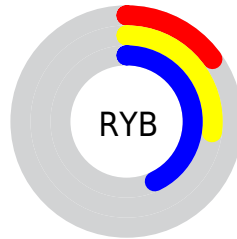
The Hex color **27586D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6D3C27**, and the grayscale version is **4C4C4C**.




A 20% lighter version of the original color is **5C8AA1**, and **002B3D** is the 20% darker color. If you saturate the color by 10%, you get **1C556D**, and if you desaturate by 10%, it is **325B6D**.

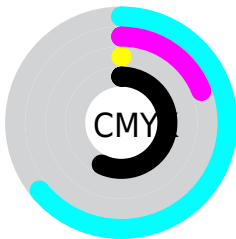
Distribution







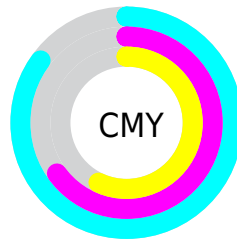
-  Red (15%)
-  Green (35%)
-  Blue (43%)






-  Red (15%)
-  Yellow (27%)
-  Blue (43%)



-  Cyan (64%)
-  Magenta (19%)
-  Yellow (0%)
-  Black (57%)



-  Cyan (85%)
-  Magenta (65%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27586D 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 27586D by changing the saturation by 10% instead.

■ 27586D

■ 27586D

FFFFFF

■ 054155

■ 5C8AA1

■ 002B3D

■ 76A4BC

■ 001727

■ 91BFD7

■ 000112

■ ACDBF4

■ 000000

■ C8F8FF

■ E5FFFF

■ 27586D

■ 27586D

■ 1C556D

■ 325B6D

■ 11516D

■ 3D5F6D

■ 064E6D

■ 48626D

■ 004C6D

■ 53656D

■ 5E686D

■ 686C6D

■ 736F6D

■ 7E726D

■ 89756D

Harmonies

Analogous

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



1D5A62



27586D



3E5471

Triad

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



27586D



704753



4C5637

Complementary

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



27586D



6D3C27

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.



5D5233



27586D



714843

Square

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



27586D



664962



694C38



3A5943

Rectangle

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



27586D



4E506F



694C38



525535

Sweetspot

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



27586D



74878F



276D3C



374247



C7C7C7



474747

Same Dimension

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



27586D



216E8F



27356D



303436



005275



00ABF5

Inverse Universe

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



6D2758



8F216E



6D5F27



363034



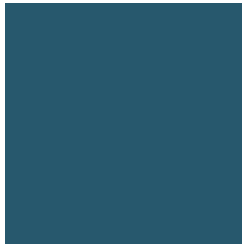
750052



F500AB

Previews

White Background



This preview shows how the Hex color 27586D looks on a white background.

Color Contrast Check

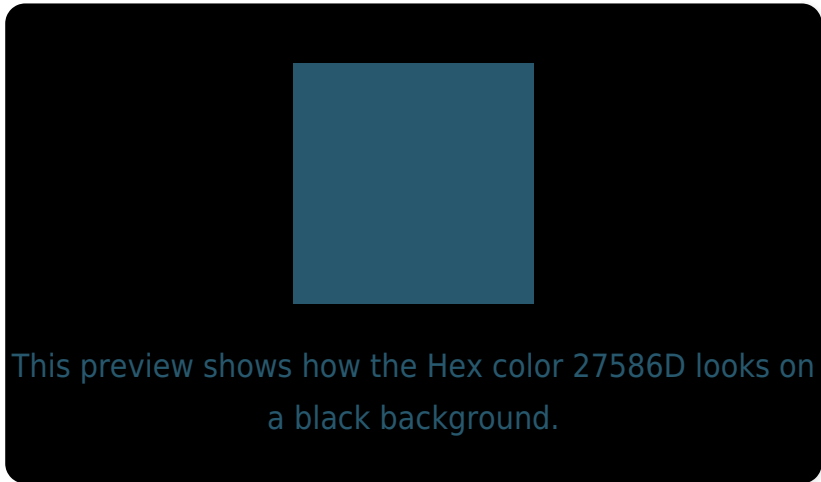
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

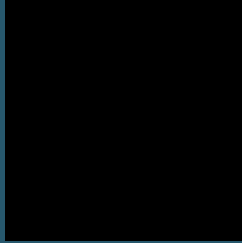
Any Text WCAG AA × Fail

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 27586D Background



This preview shows how black text looks on a background with the Hex color 27586D.

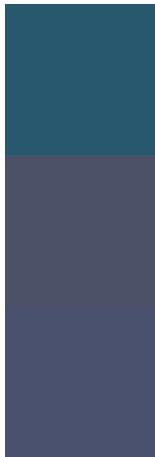


This preview shows how white text looks on a background with the Hex color 27586D.

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
27586D

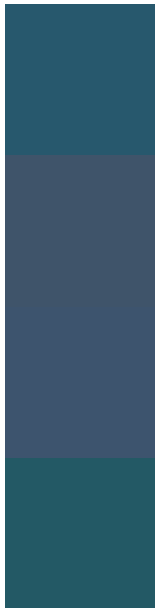
Protanopia
4C5168

Deuteranopia
4A516F



Tritanopia
215A61

Trichromacy



Original Color
27586D

Protanomaly
3F546A

Deuteranomaly
3D546E

Tritanomaly
235965

Monochromacy



Original Color
27586D

Achromatopsia
4C4C4C

Achromatomaly
3F5058

CSS Examples

Text

The CSS property to change the color of the text to Hex 27586D 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 #27586D looks like.

```
.text, #text, p{  
    color:#27586D  
}
```

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 #27586D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27586D
}
```

Border

The CSS property to change the border of an element to Hex 27586D 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
#27586D }
```

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

```
.border{ border-color:#27586D }
```

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

Here you see how a box with a 4 pixel #27586D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27586D; -webkit-box-shadow:4px 4px  
4px 4px #27586D; box-shadow:4px 4px 4px  
4px #27586D }
```

Background

The CSS property to change the background color of an element to Hex 27586D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27586D }
```

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

```
.background{ background-color:#27586D }
```

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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