

Converting Colors

Hex(27506F)

Have a look what the booklet for
Hex(27506F) contains.

Hex(27506F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(27506F)

Conversions

Conversions Part 1

Format	Color
Hex	27506F
RGB	39, 80, 111
RGB Percent	15%, 31%, 44%
CMY	0.8471, 0.6863, 0.5647
CMYK	0.65, 0.28, 0.00, 0.56
HSL	206°, 48%, 29%
HSV	206°, 65%, 44%
XYZ	6.5746, 7.3164, 16.1046
YIQ	71.2750, -34.3870, 0.9490

Conversions

Conversions Part 2

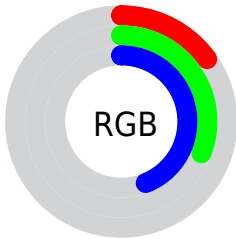
Format	Color
R_{YB}	39, 65, 111
Decimal	2576495
CIE _{Lab}	32.52, -3.87, -22.12
CIE _{LCh}	33, 22.457, 260.066
Yxy	7.3164, 0.2192, 0.2439
Android (android.graphics.Color)	4280766575 (0xFF27506F)
YUV	71.2750, 19.5844, -28.3052
Hunter-Lab	27.0488, -3.9482, -16.3666




Details

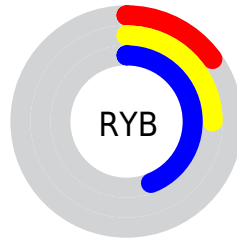
The Hex color **27506F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **6F4627**, and the grayscale version is **474747**.




A 20% lighter version of the original color is **5C81A3**, and **00243F** is the 20% darker color. If you saturate the color by 10%, you get **1C4B6F**, and if you desaturate by 10%, it is **32556F**.

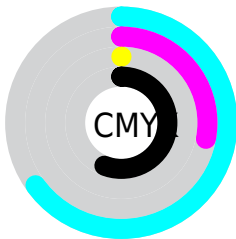
Distribution







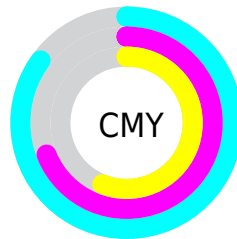
-  Red (15%)
-  Green (31%)
-  Blue (44%)






-  Red (15%)
-  Yellow (25%)
-  Blue (44%)



-  Cyan (65%)
-  Magenta (28%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (85%)
-  Magenta (69%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27506F 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 27506F by changing the saturation by 10% instead.

■ 27506F

■ 27506F

FFFFFF

■ 063956

■ 5C81A3

■ 00243F

■ 769BBE

■ 000E29

■ 91B6DA

■ 000114

■ ACD1F6

■ 000000

■ C8EEFF

■ E5FFFF

■ 27506F

■ 27506F

■ 1C4B6F

■ 32556F

■ 11466F

■ 3D5A6F

■ 06426F

■ 485E6F

■ 003F6F

■ 53636F

■ 5F686F

■ 6A6D6F

■ 75716F

■ 80766F

■ 8B7B6F

Harmonies

Analogous

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



005467



27506F



464A6E

Triad

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



27506F



6F3F41



385335

Complementary

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



27506F



6F4627

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.



4C4F2B



27506F



6A4332

Square

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



27506F



6B3F53



5D492A



205546

Rectangle

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



27506F



564668



5D492A



3F5231

Sweetspot

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



27506F



768591



276F45



39434A



C9C9C9



4A4A4A

Same Dimension

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



27506F



206191



272D6F



323638



004478



008DF7

Inverse Universe

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



6F2750



912061



6F6927



383236



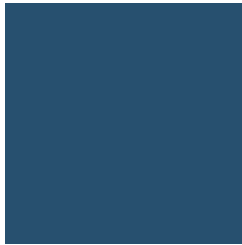
780044



F7008D

Previews

White Background



This preview shows how the Hex color 27506F looks on a white background.

Color Contrast Check

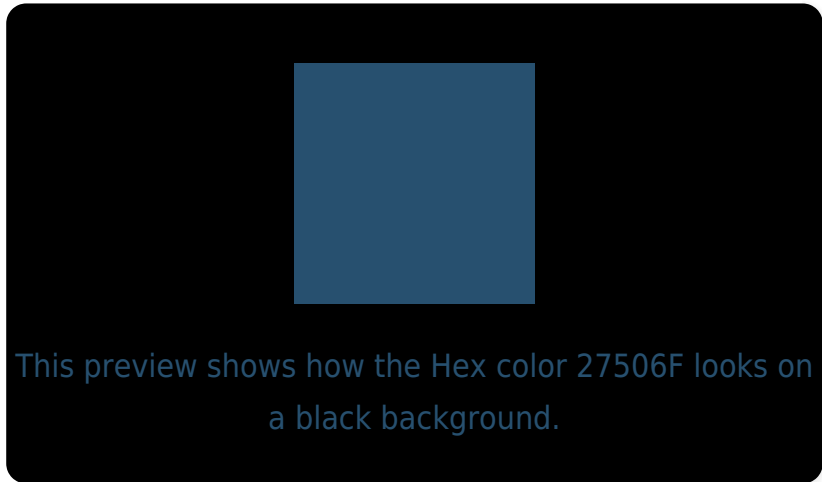
Large Text (above 18pt) WCAG AA ✓ Pass

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

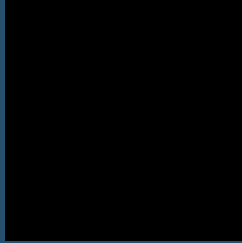
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

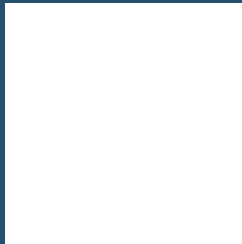
Any Text WCAG AAA × Fail

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

Hex 27506F Background



This preview shows how black text looks on a background with the Hex color 27506F.



This preview shows how white text looks on a background with the Hex color 27506F.

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
27506F

Protanopia
424B6B

Deuteranopia
3D4C70



Tritanopia
1C545B

Trichromacy



Original Color
27506F

Protanomaly
384D6C

Deuteranomaly
354D70

Tritanomaly
205362

Monochromacy



Original Color
27506F

Achromatopsia
474747

Achromatomaly
3B4A56

CSS Examples

Text

The CSS property to change the color of the text to Hex 27506F 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 #27506F looks like.

```
.text, #text, p{  
    color:#27506F  
}
```

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 #27506F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27506F
}
```

Border

The CSS property to change the border of an element to Hex 27506F 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
#27506F }
```

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

```
.border{ border-color:#27506F }
```

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

Here you see how a box with a 4 pixel #27506F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27506F; -webkit-box-shadow:4px 4px  
4px 4px #27506F; box-shadow:4px 4px 4px  
4px #27506F }
```

Background

The CSS property to change the background color of an element to Hex 27506F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27506F }
```

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

```
.background{ background-color:#27506F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor