

# Converting Colors

Hex(27684B)

Have a look what the booklet for  
Hex(27684B) contains.

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# Color

**Hex(27684B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	27684B
RGB	39, 104, 75
RGB Percent	15%, 41%, 29%
CMY	0.8471, 0.5922, 0.7059
CMYK	0.62, 0.00, 0.28, 0.59
HSL	153°, 45%, 28%
HSV	153°, 62%, 41%
XYZ	7.0570, 10.8400, 8.3770
YIQ	81.2590, -29.4310, -22.7990

# Conversions

## Conversions Part 2

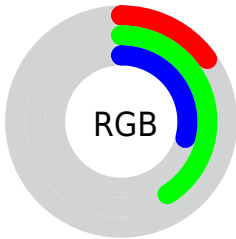
<b>Format</b>	<b>Color</b>
<b>RYB</b>	39, 81, 104
Decimal	2582603
CIELab	39.31, -28.25, 10.30
CIELCh	39, 30.071, 159.972
Yxy	10.8400, 0.2686, 0.4126
Android (android.graphics.Color)	4280772683 (0xFF27684B)
YUV	81.2590, -3.0857, -37.0611
Hunter-Lab	32.9241, -19.3571, 7.9615

# Details

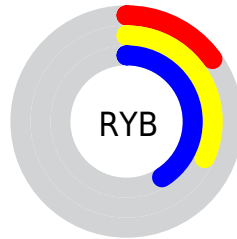
The Hex color **27684B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **682744**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **5B9C7C**, and **00381F** is the 20% darker color. If you saturate the color by 10%, you get **1D6846**, and if you desaturate by 10%, it is **316850**.

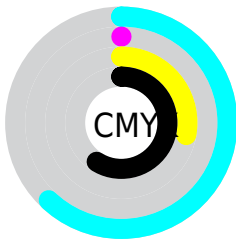
# Distribution



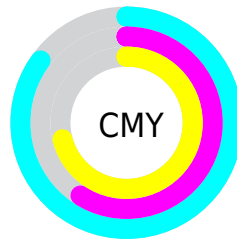
- Red (15%)
- Green (41%)
- Blue (29%)



- Red (15%)
- Yellow (32%)
- Blue (41%)



- Cyan (62%)
- Magenta (0%)
- Yellow (28%)
- Black (59%)



- Cyan (85%)
- Magenta (59%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 27684B 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 27684B by changing the saturation by 10% instead.





27684B



27684B

FFFFFF



075034



5B9C7C



00381F



75B796



002308



90D3B0



000000



ABEFCC



C7FFE8



E4FFFF



27684B



27684B



1D6846



316850

■ 126842

■ 3C6854

■ 08683D

■ 466859

■ 00683A

■ 51685E

■ 5B6862

■ 656867

■ 70686B

■ 7A6870

■ 856875

# Harmonies

## Analogous

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



496436



27684B



006964

# Triad

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



27684B



445C8D



874D3E

# Complementary

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



27684B



682744

# 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.



8B4855



27684B



695382

# Square

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



27684B



00648A



814B6E



79552F

# Rectangle

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



27684B



006974



814B6E



8A4B45



# Sweetspot

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



27684B



6D877C



446827



35453E



C4C4C4



454545



# Same Dimension

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



27684B



22875A



276568



2E3331



007340



00F286



# Inverse Universe

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



682744



87224F



682A27



332E30



730033



F2006C



# Previews

## White Background



This preview shows how the Hex color 27684B looks on a white background.

## Color Contrast Check

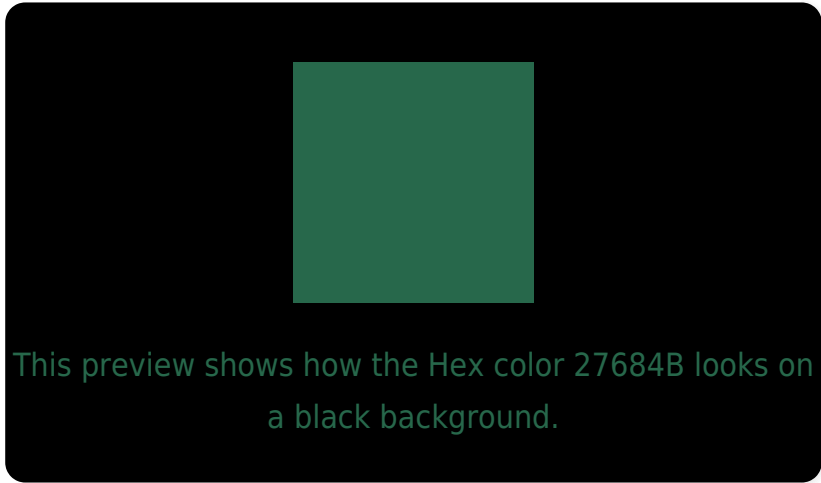
Large Text (above 18pt) WCAG AA ✓ Pass

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

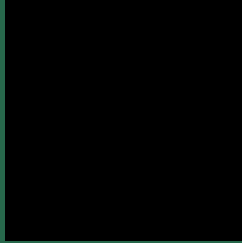
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 27684B Background



This preview shows how black text looks on a background with the Hex color 27684B.

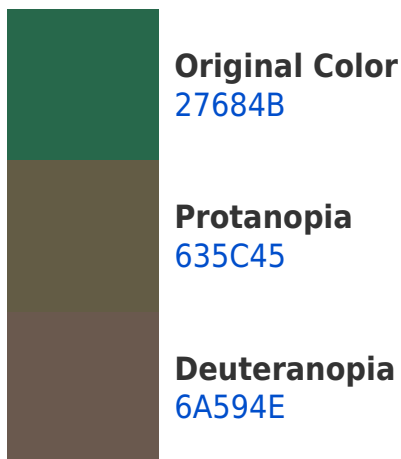



This preview shows how white text looks on a background with the Hex color 27684B.

# 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**  
32646C

# Trichromacy



**Original Color**  
27684B

**Protanomaly**  
4D6047

**Deuteranomaly**  
525E4D

**Tritanomaly**  
2E6560

# Monochromacy



**Original Color**  
27684B

**Achromatopsia**  
515151

**Achromatomaly**  
42594F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 27684B 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 #27684B looks like.

```
.text, #text, p{  
    color:#27684B  
}
```

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 #27684B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27684B
}
```

## Border

The CSS property to change the border of an element to Hex 27684B 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
#27684B }
```

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

```
.border{ border-color:#27684B }
```

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

Here you see how a box with a 4 pixel #27684B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27684B; -webkit-box-shadow:4px 4px  
4px 4px #27684B; box-shadow:4px 4px 4px  
4px #27684B }
```

# Background

The CSS property to change the background color of an element to Hex 27684B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27684B }
```

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

```
.background{ background-color:#27684B }
```

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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