

Converting Colors

Hex(27781F)

Have a look what the booklet for
Hex(27781F) contains.

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Color

Hex(27781F)

Conversions

Conversions Part 1

Format	Color
Hex	27781F
RGB	39, 120, 31
RGB Percent	15%, 47%, 12%
CMY	0.8471, 0.5294, 0.8784
CMYK	0.67, 0.00, 0.74, 0.53
HSL	115°, 59%, 30%
HSV	115°, 74%, 47%
XYZ	7.8005, 13.9632, 3.5804
YIQ	85.6350, -19.7070, -44.8510

Conversions

Conversions Part 2

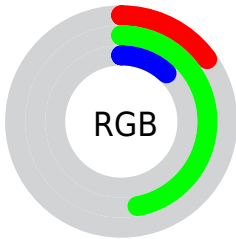
Format	Color
R_{YB}	31, 120, 112
Decimal	2586655
CIE _{Lab}	44.18, -42.11, 39.68
CIE _{LCh}	44, 57.864, 136.700
Yxy	13.9632, 0.3078, 0.5509
Android (android.graphics.Color)	4280776735 (0xFF27781F)
YUV	85.6350, -26.9351, -40.8989
Hunter-Lab	37.3674, -28.1308, 20.4763

Details

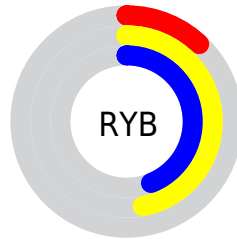
The Hex color **27781F** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **701F78**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **60AD51**, and **004600** is the 20% darker color. If you saturate the color by 10%, you get **1C7813**, and if you desaturate by 10%, it is **32782B**.

Distribution



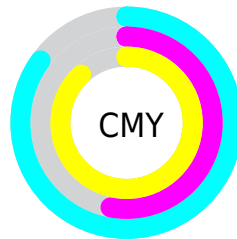
- Red (15%)
- Green (47%)
- Blue (12%)



- Red (12%)
- Yellow (47%)
- Blue (44%)



- Cyan (67%)
- Magenta (0%)
- Yellow (74%)
- Black (53%)



- Cyan (85%)
- Magenta (53%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27781F 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 27781F by changing the saturation by 10% instead.



27781F



27781F

FFFFFF



005F02



60AD51



004600



7BC96A



002F00



97E584



001700



B3FF9F



000000



D0FFBB



EDFFD7



FFFFFF4



27781F



27781F

■ 1C7813

■ 32782B

■ 117807

■ 3D7837

■ 0B7800

■ 487843

■ 53784F

■ 5E785B

■ 697867

■ 737873

■ 7E787F

■ 89788B

Harmonies

Analogous

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



656E00



27781F



007D51

Triad

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



27781F



0074C6



BD3550

Complementary

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



27781F



701F78

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.



B33880



27781F



3065C5

Square

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



27781F



007CAE



8C4EAB



AF4923

Rectangle

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



27781F



007E72



8C4EAB



BD3360

Sweetspot

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



27781F



7C9C79



786F1F



3C4F3A



CFCFCF



4F4F4F

Same Dimension

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



27781F



1E9C11



1F7843



383D37



0B7D00



17FC00

Inverse Universe

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



701F78



8F119C



781F54



3D373D



72007D



E600FC

Previews

White Background



This preview shows how the Hex color 27781F looks on a white background.

Color Contrast Check

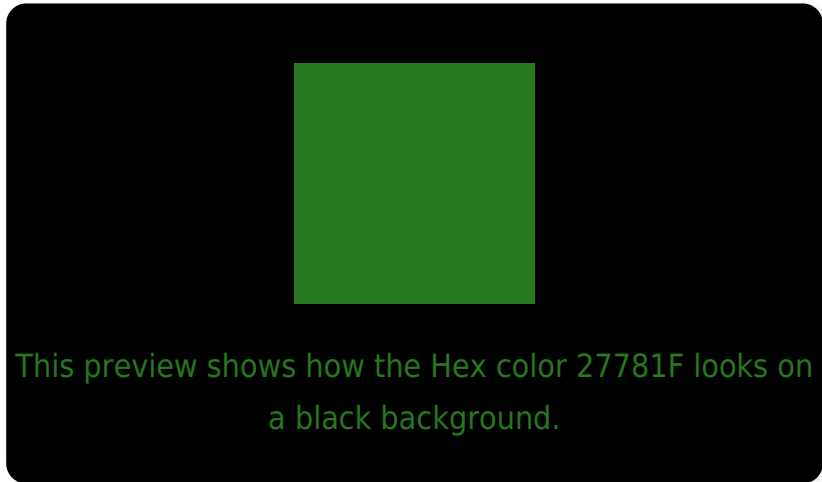
Large Text (above 18pt) WCAG AA ✓ Pass

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 27781F Background



This preview shows how black text looks on a background with the Hex color 27781F.



This preview shows how white text looks on a background with the Hex color 27781F.

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
3D7079

Trichromacy



Original Color
27781F



Protanomaly
596E1C



Deuteranomaly
616B24



Tritanomaly
357358

Monochromacy



Original Color
27781F



Achromatopsia
565656



Achromatomaly
456242

CSS Examples

Text

The CSS property to change the color of the text to Hex 27781F 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 #27781F looks like.

```
.text, #text, p{  
    color:#27781F  
}
```

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 #27781F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27781F
}
```

Border

The CSS property to change the border of an element to Hex 27781F 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
#27781F }
```

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

```
.border{ border-color:#27781F }
```

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

Here you see how a box with a 4 pixel #27781F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27781F; -webkit-box-shadow:4px 4px  
4px 4px #27781F; box-shadow:4px 4px 4px  
4px #27781F }
```

Background

The CSS property to change the background color of an element to Hex 27781F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27781F }
```

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

```
.background{ background-color:#27781F }
```

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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