

Converting Colors

Hex(27277F)

Have a look what the booklet for
Hex(27277F) contains.

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Color

Hex(27277F)

Conversions

Conversions Part 1

Format	Color
Hex	27277F
RGB	39, 39, 127
RGB Percent	15%, 15%, 50%
CMY	0.8471, 0.8471, 0.5020
CMYK	0.69, 0.69, 0.00, 0.50
HSL	240°, 53%, 33%
HSV	240°, 69%, 50%
XYZ	5.3930, 3.4147, 20.4535
YIQ	49.0320, -28.2480, 27.3680

Conversions

Conversions Part 2

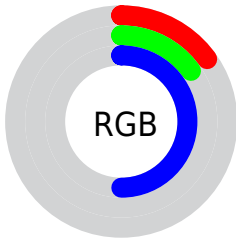
Format	Color
R_{YB}	39, 39, 127
Decimal	2566015
CIE _{Lab}	21.63, 29.92, -49.66
CIE _{LCh}	22, 57.974, 301.069
Yxy	3.4147, 0.1843, 0.1167
Android (android.graphics.Color)	4280756095 (0xFF27277F)
YUV	49.0320, 38.4382, -8.7981
Hunter-Lab	18.4788, 19.7566, -52.6906

Details

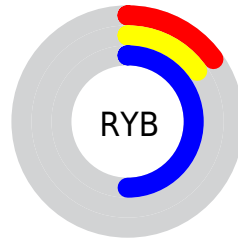
The Hex color **27277F** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **7F7F27**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **6055B5**, and **00004D** is the 20% darker color. If you saturate the color by 10%, you get **1A1A7F**, and if you desaturate by 10%, it is **34347F**.

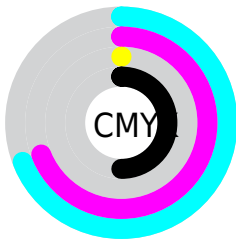
Distribution



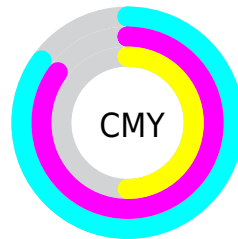
- Red (15%)
- Green (15%)
- Blue (50%)



- Red (15%)
- Yellow (15%)
- Blue (50%)



- Cyan (69%)
- Magenta (69%)
- Yellow (0%)
- Black (50%)



- Cyan (85%)
- Magenta (85%)
- Yellow (50%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27277F 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 27277F by changing the saturation by 10% instead.

■ 27277F

■ 27277F

FFFFFF

■ 001265

■ 6055B5

■ 00004D

■ 7C6DD1

■ 000535

■ 9886ED

■ 00021F

■ B4A1FF

■ 000002

■ D1BCFF

■ 000000

■ EED8FF

■ FFF4FF

■ 27277F

■ 27277F

■ 1A1A7F

■ 34347F

■ 0E0E7F

■ 40407F

■ 01017F

■ 4D4D7F

■ 00007F

■ 5A5A7F

■ 66667F

■ 73737F

■ 80807F

■ 8D8D7F

■ 99997F

Harmonies

Analogous

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



003A8C



27277F



65005E

Triad

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



27277F



601E00



004434

Complementary

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



27277F



7F7F27

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.



004202



27277F



403300

Square

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



27277F



750008



0E3D00



004460

Rectangle

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



27277F



760043



0E3D00



004325

Sweetspot

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



27277F



8383A6



277F7F



3F3F54



D4D4D4



545454

Same Dimension

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



27277F



1C1CA6



53277F



393940



000080



000000

Inverse Universe

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



7F277F



A61CA6



537F27



403940



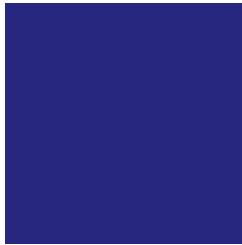
800080



000000

Previews

White Background



This preview shows how the Hex color 27277F looks on a white background.

Color Contrast Check

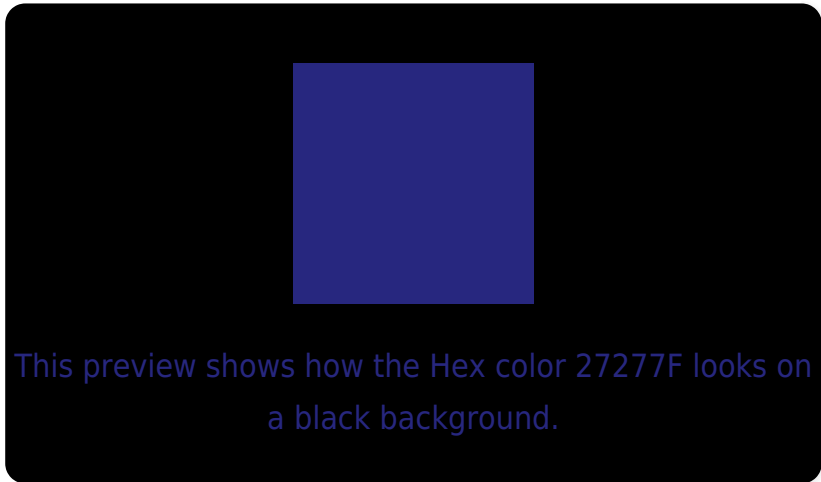
Large Text (above 18pt) WCAG AA ✓ Pass

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

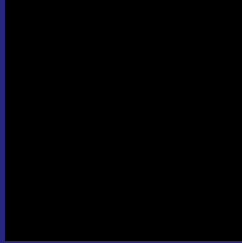
Any Text WCAG AA × Fail

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 27277F Background



This preview shows how black text looks on a background with the Hex color 27277F.



This preview shows how white text looks on a background with the Hex color 27277F.

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
27277F

Protanopia
00326A

Deuteranopia
00365B



Tritanopia
003A3E

Trichromacy



Original Color
27277F

Protanomaly
0E2E72

Deuteranomaly
0E3168

Tritanomaly
0E3356

Monochromacy



Original Color
27277F

Achromatopsia
313131

Achromatomaly
2D2D4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 27277F 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 #27277F looks like.

```
.text, #text, p{  
    color:#27277F  
}
```

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 #27277F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27277F
}
```

Border

The CSS property to change the border of an element to Hex 27277F 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
#27277F }
```

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

```
.border{ border-color:#27277F }
```

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

Here you see how a box with a 4 pixel #27277F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27277F; -webkit-box-shadow:4px 4px  
4px 4px #27277F; box-shadow:4px 4px 4px  
4px #27277F }
```

Background

The CSS property to change the background color of an element to Hex 27277F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27277F }
```

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

```
.background{ background-color:#27277F }
```

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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