

Converting Colors

Hex(277828)

Have a look what the booklet for
Hex(277828) contains.

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Color

Hex(277828)

Conversions

Conversions Part 1

Format	Color
Hex	277828
RGB	39, 120, 40
RGB Percent	15%, 47%, 16%
CMY	0.8471, 0.5294, 0.8431
CMYK	0.67, 0.00, 0.67, 0.53
HSL	121°, 51%, 31%
HSV	121°, 68%, 47%
XYZ	7.9362, 14.0175, 4.2948
YIQ	86.6610, -22.5960, -42.0520

Conversions

Conversions Part 2

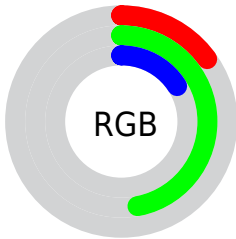
Format	Color
R_{YB}	39, 119, 120
Decimal	2586664
CIE _{Lab}	44.26, -41.19, 35.81
CIE _{LCh}	44, 54.585, 138.998
Yxy	14.0175, 0.3023, 0.5340
Android (android.graphics.Color)	4280776744 (0xFF277828)
YUV	86.6610, -23.0039, -41.7987
Hunter-Lab	37.4399, -27.6831, 19.4066

Details

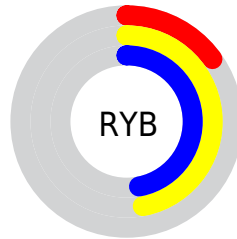
The Hex color **277828** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **782777**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **5FAD59**, and **004600** is the 20% darker color. If you saturate the color by 10%, you get **1B781C**, and if you desaturate by 10%, it is **337834**.

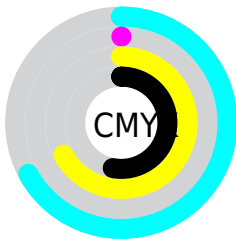
Distribution



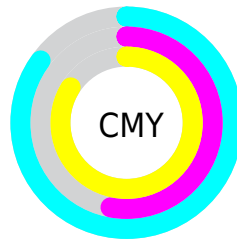
- Red (15%)
- Green (47%)
- Blue (16%)



- Red (15%)
- Yellow (47%)
- Blue (47%)



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



- Cyan (85%)
- Magenta (53%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 277828 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 277828 by changing the saturation by 10% instead.



277828



277828

FFFFFF



005F0F



5FAD59



004600



7AC972



002F00



96E58C



001700



B2FFA7



000000



CFFFC3



ECFFDF



FFFFFC



277828



277828

 1B781C

 337834

 0F7810

 3F7840

 037804

 4B784C

 007801

 577857

 637863

 6F786F

 7B787B

 877887

 937893

Harmonies

Analogous

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



636F00



277828



007C56

Triad

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



277828



0073C2



B93B4E

Complementary

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



277828



782777

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.



B13C7B



277828



4364BF

Square

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



277828



007BAD



8E4FA5



AA4D24

Rectangle

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



277828



007D76



8E4FA5



B9395D

Sweetspot

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



277828



7C9C7D



787827



3C4F3C



CFCFCF



4F4F4F

Same Dimension

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



277828



1E9C1F



27784F



373D37



007D02



00FC03

Inverse Universe

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



782777



9C1E9A



78274F



3D373D



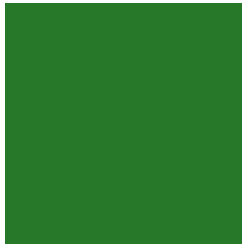
7D007B



FC00F9

Previews

White Background



This preview shows how the Hex color 277828 looks on a white background.

Color Contrast Check

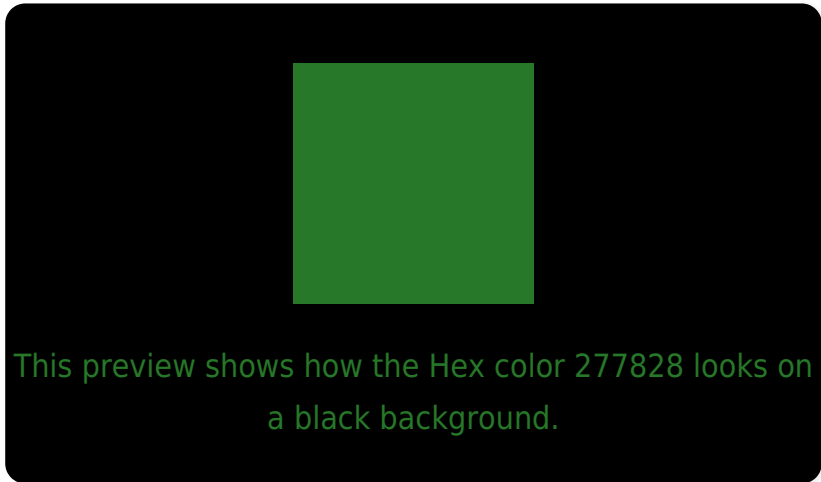
Large Text (above 18pt) WCAG AA ✓ Pass

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

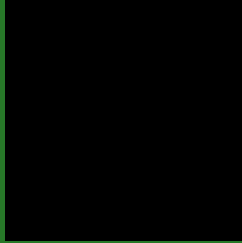
Any Text WCAG AA × Fail

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 277828 Background



This preview shows how black text looks on a background with the Hex color 277828.



This preview shows how white text looks on a background with the Hex color 277828.

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
277828

Protanopia
746824

Deuteranopia
81632F



Tritanopia
3C7079

Trichromacy



Original Color
277828



Protanomaly
586E25



Deuteranomaly
606B2C

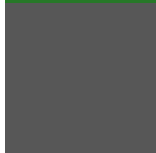


Tritanomaly
34735C

Monochromacy



Original Color
277828



Achromatopsia
575757



Achromatomaly
466346

CSS Examples

Text

The CSS property to change the color of the text to Hex 277828 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 #277828 looks like.

```
.text, #text, p{  
    color:#277828  
}
```

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 #277828 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #277828
}
```

Border

The CSS property to change the border of an element to Hex 277828 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
#277828 }
```

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

```
.border{ border-color:#277828 }
```

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

Here you see how a box with a 4 pixel #277828 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #277828; -webkit-box-shadow:4px 4px  
4px 4px #277828; box-shadow:4px 4px 4px  
4px #277828 }
```

Background

The CSS property to change the background color of an element to Hex 277828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#277828 }
```

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

```
.background{ background-color:#277828 }
```

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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