

Converting Colors

Hex(27581A)

Have a look what the booklet for
Hex(27581A) contains.

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Color

Hex(27581A)

Conversions

Conversions Part 1

Format	Color
Hex	27581A
RGB	39, 88, 26
RGB Percent	15%, 35%, 10%
CMY	0.8471, 0.6549, 0.8980
CMYK	0.56, 0.00, 0.70, 0.65
HSL	107°, 54%, 22%
HSV	107°, 70%, 35%
XYZ	4.5129, 7.4854, 2.1842
YIQ	66.2810, -9.3020, -29.6700

Conversions

Conversions Part 2

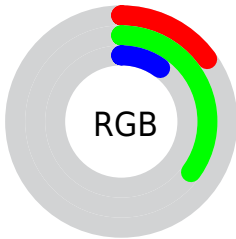
Format	Color
RYB	26, 88, 75
Decimal	2578458
CIELab	32.89, -29.67, 29.95
CIElCh	33, 42.153, 134.732
Yxy	7.4854, 0.3182, 0.5278
Android (android.graphics.Color)	4280768538 (0xFF27581A)
YUV	66.2810, -19.8585, -23.9254
Hunter-Lab	27.3594, -18.4357, 14.4181

Details

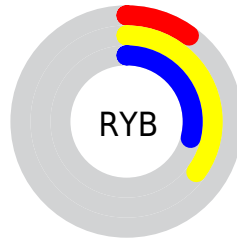
The Hex color **27581A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4B1A58**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **598B49**, and **002A00** is the 20% darker color. If you saturate the color by 10%, you get **205811**, and if you desaturate by 10%, it is **2E5823**.

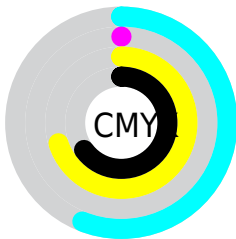
Distribution



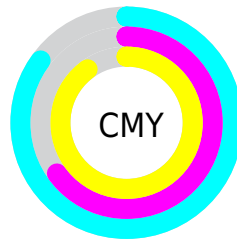
- Red (15%)
- Green (35%)
- Blue (10%)



- Red (10%)
- Yellow (35%)
- Blue (29%)



- Cyan (56%)
- Magenta (0%)
- Yellow (70%)
- Black (65%)



- Cyan (85%)
- Magenta (65%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27581A 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 27581A by changing the saturation by 10% instead.

 27581A

 27581A

FFFFFF

 0B4002

 598B49

 002A00

 73A561

 001200

 8EC07B

 000000

 A9DC95

 C5F9B0

 E1FFCB

 FEFFE8

 27581A

 27581A

■ 205811

■ 2E5823

■ 195808

■ 35582C

■ 125800

■ 3C5834

■ 43583D

■ 4A5846

■ 51584F

■ 585858

■ 5F5860

■ 665869

Harmonies

Analogous

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



4E5100



27581A



005C3B

Triad

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



27581A



00568E



892C3E

Complementary

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



27581A



4B1A58

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.



802F60



27581A



264C8E

Square

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



27581A



005B7C



633D7D



803720

Rectangle

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



27581A



005D52



633D7D



882B49

Sweetspot

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



27581A



60735B



584B1A



2F3B2C



BABABA



3B3B3B

Same Dimension

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



27581A



267311



1A582C



282B27



166B00



31EB00

Inverse Universe

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



4B1A58



5E1173



581A46



2A272B



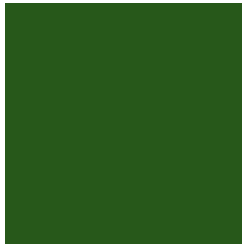
55006B



B900EB

Previews

White Background



This preview shows how the Hex color 27581A looks on a white background.

Color Contrast Check

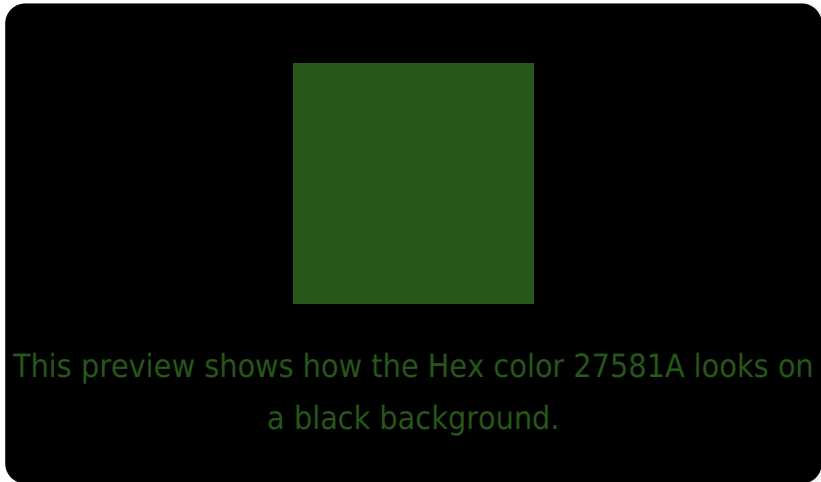
Large Text (above 18pt) WCAG AA ✓ Pass

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

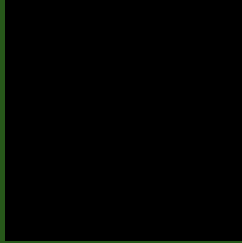
Any Text WCAG AA × Fail

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 27581A Background



This preview shows how black text looks on a background with the Hex color 27581A.



This preview shows how white text looks on a background with the Hex color 27581A.

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
27581A

Protanopia
564D17

Deuteranopia
60491F



Tritanopia
335259

Trichromacy



Original Color
27581A

Protanomaly
455118

Deuteranomaly
4B4E1D

Tritanomaly
2F5442

Monochromacy



Original Color
27581A

Achromatopsia
424242

Achromatomaly
384A33

CSS Examples

Text

The CSS property to change the color of the text to Hex 27581A 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 #27581A looks like.

```
.text, #text, p{  
    color:#27581A  
}
```

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 #27581A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27581A
}
```

Border

The CSS property to change the border of an element to Hex 27581A 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
#27581A }
```

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

```
.border{ border-color:#27581A }
```

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

Here you see how a box with a 4 pixel #27581A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27581A; -webkit-box-shadow:4px 4px  
4px 4px #27581A; box-shadow:4px 4px 4px  
4px #27581A }
```

Background

The CSS property to change the background color of an element to Hex 27581A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27581A }
```

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

```
.background{ background-color:#27581A }
```

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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