

Converting Colors

Hex(27180B)

Have a look what the booklet for
Hex(27180B) contains.

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Color

Hex(27180B)

Conversions

Conversions Part 1

Format	Color
Hex	27180B
RGB	39, 24, 11
RGB Percent	15%, 9%, 4%
CMY	0.8471, 0.9059, 0.9569
CMYK	0.00, 0.38, 0.72, 0.85
HSL	28°, 56%, 10%
HSV	28°, 72%, 15%
XYZ	1.2237, 1.1088, 0.4661
YIQ	27.0030, 13.1130, -0.8630

Conversions

Conversions Part 2

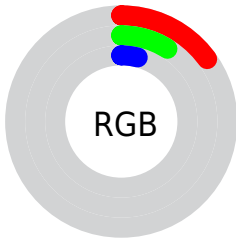
Format	Color
RYB	39, 35, 11
Decimal	2562059
CIELab	9.87, 5.70, 10.34
CIELCh	10, 11.808, 61.163
Yxy	1.1088, 0.4373, 0.3962
Android (android.graphics.Color)	4280752139 (0xFF27180B)
YUV	27.0030, -7.8895, 10.5214
Hunter-Lab	10.5298, 2.3176, 4.7463

Details

The Hex color **27180B** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0B1A27**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **554337**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **271607**, and if you desaturate by 10%, it is **271A0F**.

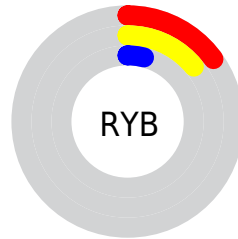
Distribution



Red (15%)

Green (9%)

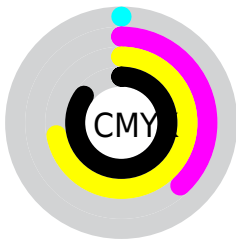
Blue (4%)



Red (15%)

Yellow (14%)

Blue (4%)

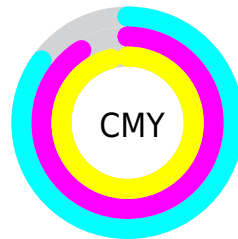


Cyan (0%)

Magenta (38%)

Yellow (72%)

Black (85%)



Cyan (85%)

Magenta (91%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27180B 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 27180B by changing the saturation by 10% instead.

 27180B

 27180B

 FFFAEB

 0D0000

 554337

 000000

 6D5A4D

 877365

 A18C7E

 BDA798

 D9C2B3

 F5DECF

 27180B

 27180B

■ 271607

■ 271A0F

■ 271403

■ 271C13

■ 271200

■ 271E17

■ 27201B

■ 27221F

■ 272522

■ 272726

■ 27292A

■ 272B2E

Harmonies

Analogous

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



2A1613



27180B



211B07

Triad

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



27180B



041F1B



1C1929

Complementary

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



27180B



0B1A27

Split Complementary

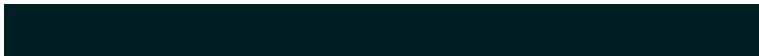
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



101C2B



27180B



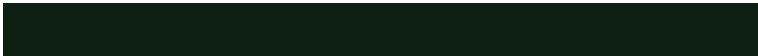
001F23

Square

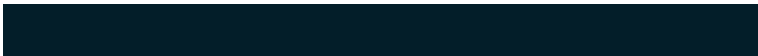
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



27180B



0E1F13



031E29



251623

Rectangle

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



27180B



1B1C09



031E29



191A2A

Sweetspot

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



27180B



332D28



270B1A



1A1613



999999



1A1A1A

Same Dimension

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



27180B



331C07



27260B



141312



542700



D46200

Inverse Universe

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



0B1A27



071F33



0B0C27



121314



002D54



0071D4

Previews

White Background



This preview shows how the Hex color 27180B looks on a white background.

Color Contrast Check

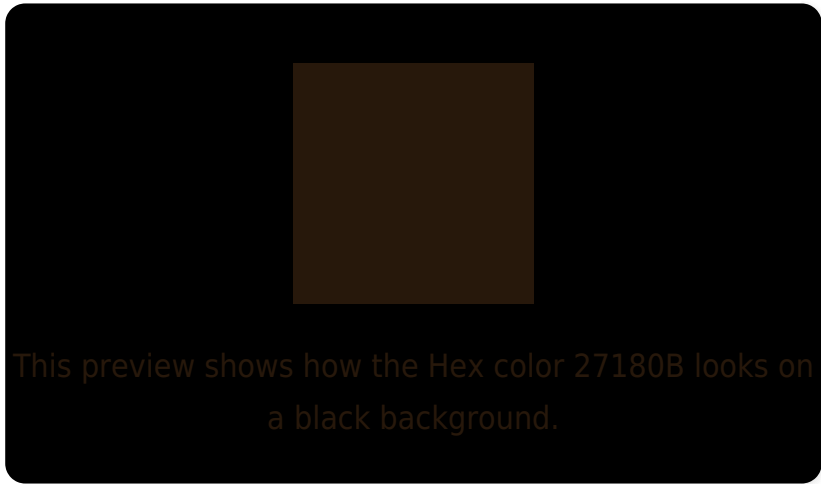
Large Text (above 18pt) WCAG AA ✓ Pass

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

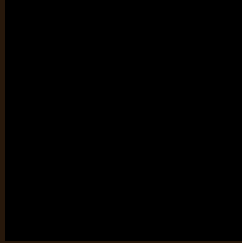
Any Text WCAG AA × Fail

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 27180B Background



This preview shows how black text looks on a background with the Hex color 27180B.

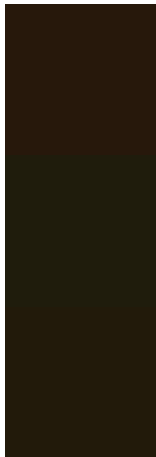


This preview shows how white text looks on a background with the Hex color 27180B.

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
27180B

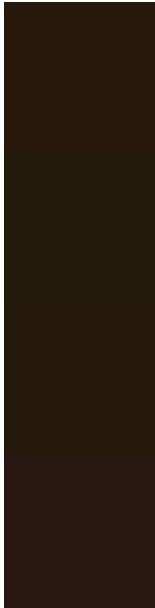
Protanopia
1F1C0C

Deuteranopia
221A0A



Tritanopia
281718

Trichromacy



Original Color
27180B

Protanomaly
221B0C

Deuteranomaly
24190A

Tritanomaly
281713

Monochromacy



Original Color
27180B

Achromatopsia
1B1B1B

Achromatomaly
1F1A15

CSS Examples

Text

The CSS property to change the color of the text to Hex 27180B 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 #27180B looks like.

```
.text, #text, p{  
    color:#27180B  
}
```

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 #27180B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27180B
}
```

Border

The CSS property to change the border of an element to Hex 27180B is called "border". The border property can be set on classes, ids or directly on the HTML element.

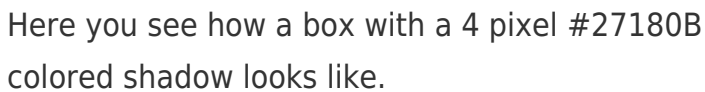
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#27180B }
```

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

```
.border{ border-color:#27180B }
```

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



Here you see how a box with a 4 pixel #27180B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27180B; -webkit-box-shadow:4px 4px  
4px 4px #27180B; box-shadow:4px 4px 4px  
4px #27180B }
```

Background

The CSS property to change the background color of an element to Hex 27180B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27180B }
```

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

```
.background{ background-color:#27180B }
```

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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