

# Converting Colors

Hex(270B15)

Have a look what the booklet for  
Hex(270B15) contains.

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# Color

**Hex(270B15)**

# Conversions

## Conversions Part 1

Format	Color
Hex	270B15
RGB	39, 11, 21
RGB Percent	15%, 4%, 8%
CMY	0.8471, 0.9569, 0.9176
CMYK	0.00, 0.72, 0.46, 0.85
HSL	339°, 56%, 10%
HSV	339°, 72%, 15%
XYZ	1.0917, 0.7248, 0.7918
YIQ	20.5120, 13.4780, 9.0460

# Conversions

## Conversions Part 2

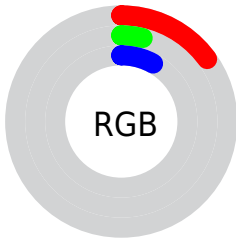
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	39, 11, 21
Decimal	2558741
CIE Lab	6.55, 15.63, -0.04
CIE LCh	7, 15.627, 359.862
Yxy	0.7248, 0.4185, 0.2779
Android (android.graphics.Color)	4280748821 (0xFF270B15)
YUV	20.5120, 0.2406, 16.2140
Hunter-Lab	8.5136, 7.9907, 0.4452

# Details

The Hex color **270B15** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0B271D**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **55363F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **270712**, and if you desaturate by 10%, it is **270F18**.

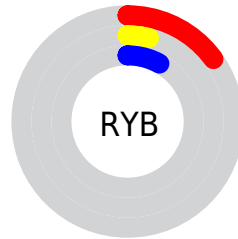
# Distribution



Red (15%)

Green (4%)

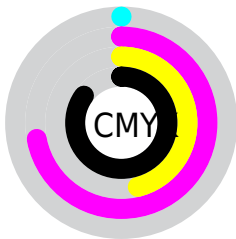
Blue (8%)



Red (15%)

Yellow (4%)

Blue (8%)

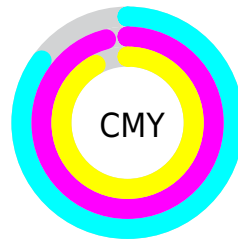


Cyan (0%)

Magenta (72%)

Yellow (46%)

Black (85%)



Cyan (85%)

Magenta (96%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 270B15 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 270B15 by changing the saturation by 10% instead.



 270B15

 270B15

 FFEBF6

 020000

 55363F

 000000

 6E4D56

 88656F

 A27E88

 BE98A2

 DAB3BD

 F6CFD9

 270B15

 270B15

■ 270712

■ 270F18

■ 270310

■ 27131A

■ 27000E

■ 27171D

■ 271B1F

■ 271F22

■ 272224

■ 272627

■ 272A29

■ 272E2C

# Harmonies

## Analogous

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



210D1F



270B15



280C06

# Triad

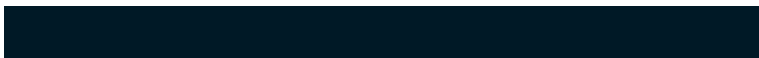
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



270B15



101700



001926

# Complementary

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



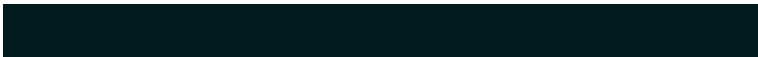
270B15



0B271D

# 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.



001B1E



270B15



001A04

# Square

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



270B15



1B1400



001B14



011629

# Rectangle

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



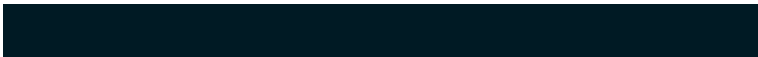
270B15



260E00



001B14



001A24



# Sweetspot

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



270B15



33282C



1D0B27



1A1315



999999



1A1A1A



# Same Dimension

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



270B15



330717



270F0B



141213



54001E



D4004C



# Inverse Universe

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



270B15



330717



0B2327



141213



54001E

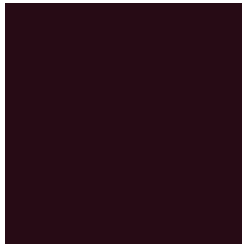


D4004C



# Previews

## White Background



This preview shows how the Hex color 270B15 looks on a white background.

## Color Contrast Check

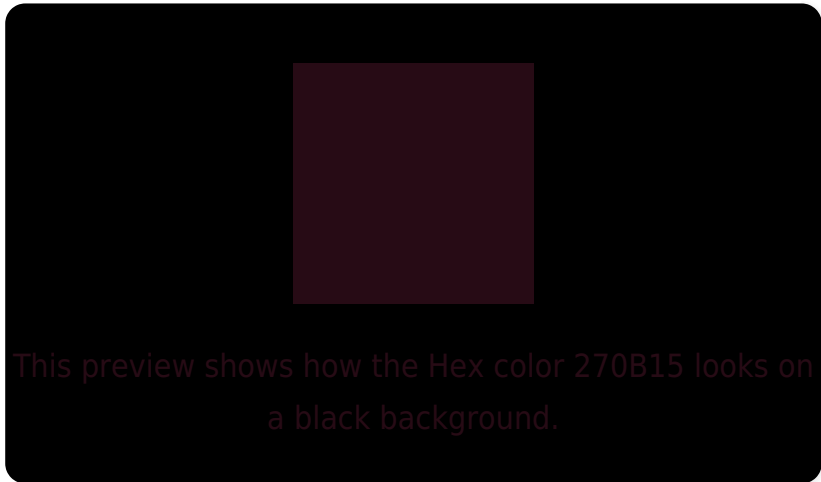
Large Text (above 18pt) WCAG AA ✓ Pass

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

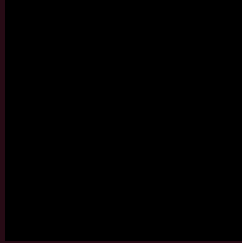
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 270B15 Background



This preview shows how black text looks on a background with the Hex color 270B15.

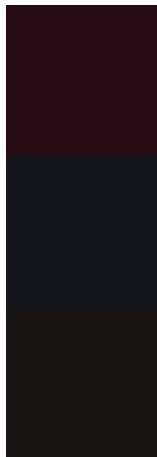


This preview shows how white text looks on a background with the Hex color 270B15.

# 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](#).

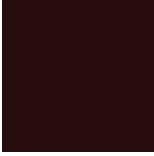
## Dichromacy



**Original Color**  
270B15

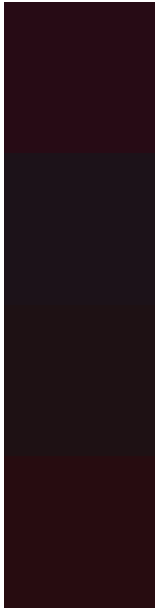
**Protanopia**  
15161B

**Deuteranopia**  
191514



**Tritanopia**  
270D0D

# Trichromacy



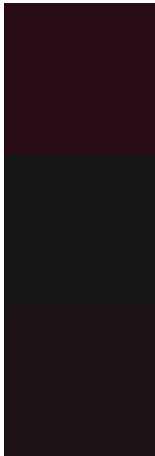
**Original Color**  
270B15

**Protanomaly**  
1C1219

**Deuteranomaly**  
1E1114

**Tritanomaly**  
270C10

# Monochromacy



**Original Color**  
270B15

**Achromatopsia**  
151515

**Achromatomaly**  
1C1115

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 270B15 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 #270B15 looks like.

```
.text, #text, p{  
    color:#270B15  
}
```

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 #270B15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #270B15
}
```

## Border

The CSS property to change the border of an element to Hex 270B15 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".

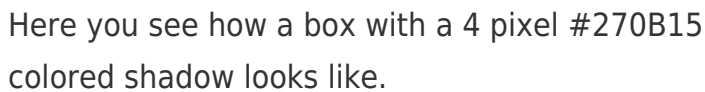
```
.border, #border, table{ border:4px solid
#270B15 }
```

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

```
.border{ border-color:#270B15 }
```

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

Here you see how a box with a 4 pixel #270B15 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #270B15; -webkit-box-shadow:4px 4px  
4px 4px #270B15; box-shadow:4px 4px 4px  
4px #270B15 }
```

# Background

The CSS property to change the background color of an element to Hex 270B15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#270B15 }
```

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

```
.background{ background-color:#270B15 }
```

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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