

# Converting Colors

Hex(270906)

Have a look what the booklet for  
Hex(270906) contains.

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**Color**

**Hex(270906)**

# Conversions

## Conversions Part 1

Format	Color
Hex	270906
RGB	39, 9, 6
RGB Percent	15%, 4%, 2%
CMY	0.8471, 0.9647, 0.9765
CMYK	0.00, 0.77, 0.85, 0.85
HSL	5°, 73%, 9%
HSV	5°, 85%, 15%
XYZ	0.9673, 0.6399, 0.2448
YIQ	17.6280, 18.8430, 5.4270

# Conversions

## Conversions Part 2

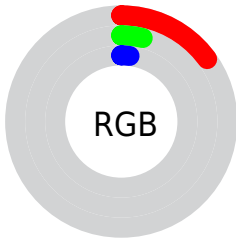
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 9, 6
Decimal	2558214
CIE Lab	5.78, 14.47, 6.46
CIE LCh	6, 15.851, 24.063
Yxy	0.6399, 0.5223, 0.3455
Android (android.graphics.Color)	4280748294 (0xFF270906)
YUV	17.6280, -5.7326, 18.7432
Hunter-Lab	7.9991, 7.5859, 3.7847

# Details

The Hex color **270906** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **062427**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **553534**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **270502**, and if you desaturate by 10%, it is **270D0A**.

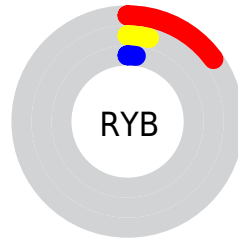
# Distribution



Red (15%)

Green (4%)

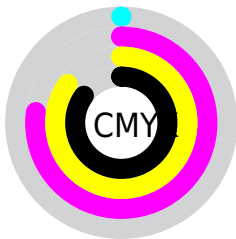
Blue (2%)



Red (15%)

Yellow (4%)

Blue (2%)

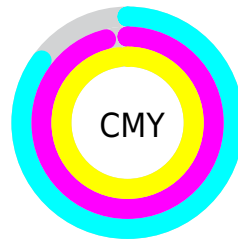


Cyan (0%)

Magenta (77%)

Yellow (85%)

Black (85%)



Cyan (85%)

Magenta (96%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 270906 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 270906 by changing the saturation by 10% instead.



 270906

 270906

 FFE9E7

 000000

 553534

 6E4B4A

 886362

 A27C7B

 BE9695

 DAB1AF

 F7CDCB

 270906

 270906

■ 270502

■ 270D0A

■ 270400

■ 27100E

■ 271412

■ 271716

■ 271B1A

■ 271E1D

■ 272221

■ 272525

■ 272929

# Harmonies

## Analogous

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



250916



270906



240D00

# Triad

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



270906



001800



001528

# Complementary

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



270906



062427

# 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.



001824



270906



001A0F

# Square

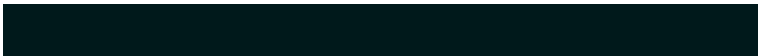
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



270906



0F1500



00191B



111026

# Rectangle

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



270906



1E1000



00191B



001627



# Sweetspot

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



270906



332726



270624



1A1312



999999



1A1A1A



# Same Dimension

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



270906



330500



271906



141312



540800



D41300



# Inverse Universe

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



062427



002E33



061427



121414



004D54

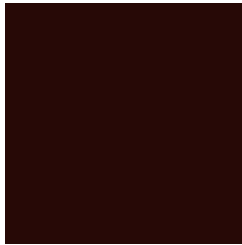


00C0D4



# Previews

## White Background



This preview shows how the Hex color 270906 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

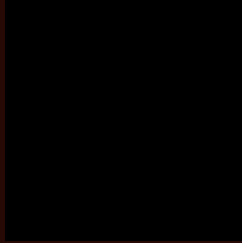
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 270906 Background



This preview shows how black text looks on a background with the Hex color 270906.



This preview shows how white text looks on a background with the Hex color 270906.

# 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**  
270906

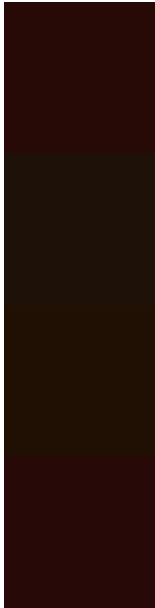
**Protanopia**  
171509

**Deuteranopia**  
1A1401



**Tritanopia**  
270909

# Trichromacy



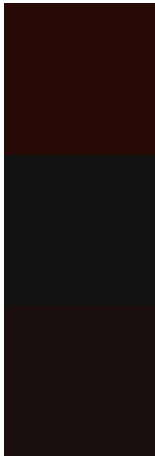
**Original Color**  
270906

**Protanomaly**  
1D1108

**Deuteranomaly**  
1F1003

**Tritanomaly**  
270908

# Monochromacy



**Original Color**  
270906

**Achromatopsia**  
121212

**Achromatomaly**  
1A0F0E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 270906 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 #270906 looks like.

```
.text, #text, p{  
    color:#270906  
}
```

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 #270906 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #270906  
}
```

## Border

The CSS property to change the border of an element to Hex 270906 is called "border". The border property can be set on classes, ids or directly on the HTML element.

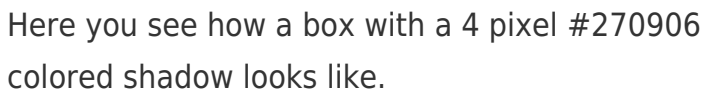
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#270906 }
```

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

```
.border{ border-color:#270906 }
```

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



Here you see how a box with a 4 pixel #270906 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #270906; -webkit-box-shadow:4px 4px  
4px 4px #270906; box-shadow:4px 4px 4px  
4px #270906 }
```

# Background

The CSS property to change the background color of an element to Hex 270906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#270906 }
```

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

```
.background{ background-color:#270906 }
```

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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