

# Converting Colors

Hex(31060B)

Have a look what the booklet for  
Hex(31060B) contains.

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**Color**

**Hex(31060B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	31060B
RGB	49, 6, 11
RGB Percent	19%, 2%, 4%
CMY	0.8078, 0.9765, 0.9569
CMYK	0.00, 0.88, 0.78, 0.81
HSL	353°, 78%, 11%
HSV	353°, 88%, 19%
XYZ	1.3922, 0.8074, 0.3991
YIQ	19.4270, 24.0230, 10.6710

# Conversions

## Conversions Part 2

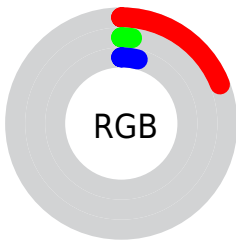
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 6, 11
Decimal	3212811
CIELab	7.29, 21.93, 6.87
CIElCh	7, 22.984, 17.381
Yxy	0.8074, 0.5357, 0.3107
Android (android.graphics.Color)	4281402891 (0xFF31060B)
YUV	19.4270, -4.1545, 25.9355
Hunter-Lab	8.9854, 11.9313, 3.6565

# Details

The Hex color **31060B** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **06312C**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **623237**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **310107**, and if you desaturate by 10%, it is **310B0F**.

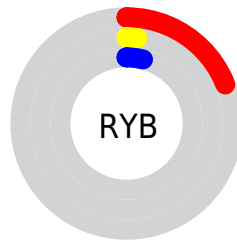
# Distribution



Red (19%)

Green (2%)

Blue (4%)



Red (19%)

Yellow (2%)

Blue (4%)

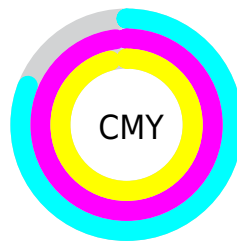


Cyan (0%)

Magenta (88%)

Yellow (78%)

Black (81%)



Cyan (81%)

Magenta (98%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 31060B 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 31060B by changing the saturation by 10% instead.



 31060B

 31060B

 FFE8EB

 160000

 623237

 000000

 7C4A4E

 976266


 B27B7E

 CE9598

 EBB0B3

 FFCCCF

 31060B

 31060B

■ 310107

■ 310B0F

■ 310006

■ 311014

■ 311518

■ 311A1C

■ 311F21

■ 312325

■ 312829

■ 312D2E

■ 313232

# Harmonies

## Analogous

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



2E071D



31060B



2D0C00

# Triad

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



31060B



001C00



001A34

# Complementary

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



31060B



06312C

# 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.



001D2C



31060B



001E0D

# Square

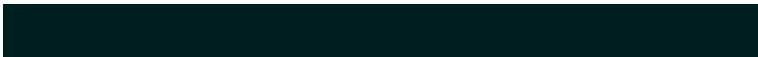
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



31060B



141800



001F1F



061533

# Rectangle

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



31060B



261100



001F1F



001B32



# Sweetspot

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



31060B



402F31



2C0631



211718



A1A1A1



212121



# Same Dimension

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



31060B



400007



311606



1A1717



59000A



D90019



# Inverse Universe

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



31060B



400007



062131



1A1717



59000A

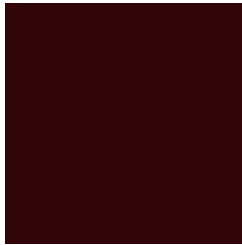


D90019



# Previews

## White Background



This preview shows how the Hex color 31060B looks on a white background.

## Color Contrast Check

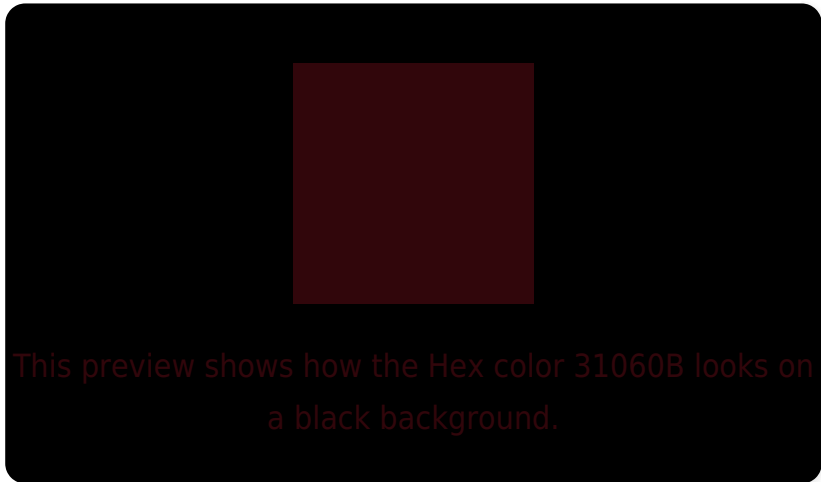
Large Text (above 18pt) WCAG AA ✓ Pass

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

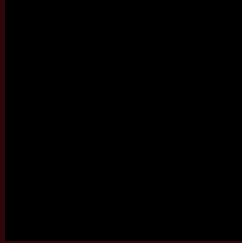
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 31060B Background



This preview shows how black text looks on a background with the Hex color 31060B.



This preview shows how white text looks on a background with the Hex color 31060B.

# 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**  
[31060B](#)

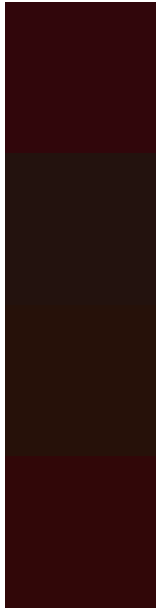
**Protanopia**  
[1B1910](#)

**Deuteranopia**  
[201808](#)



**Tritanopia**  
310706

# Trichromacy



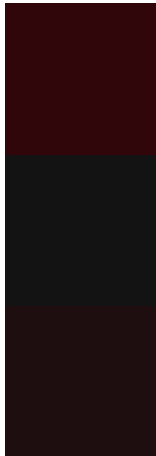
**Original Color**  
31060B

**Protanomaly**  
23120E

**Deuteranomaly**  
261109

**Tritanomaly**  
310708

# Monochromacy



**Original Color**  
31060B

**Achromatopsia**  
131313

**Achromatomaly**  
1E0E10

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 31060B 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 #31060B looks like.

```
.text, #text, p{  
    color:#31060B  
}
```

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 #31060B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31060B  
}
```

## Border

The CSS property to change the border of an element to Hex 31060B is called "border". The border property can be set on classes, ids or directly on the HTML element.

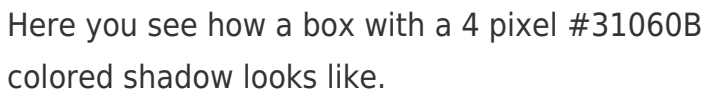
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#31060B }
```

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

```
.border{ border-color:#31060B }
```

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



Here you see how a box with a 4 pixel #31060B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31060B; -webkit-box-shadow:4px 4px  
4px 4px #31060B; box-shadow:4px 4px 4px  
4px #31060B }
```

# Background

The CSS property to change the background color of an element to Hex 31060B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31060B }
```

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

```
.background{ background-color:#31060B }
```

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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