

# Converting Colors

Hex(3D190B)

Have a look what the booklet for  
Hex(3D190B) contains.

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**Color**

**Hex(3D190B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D190B
RGB	61, 25, 11
RGB Percent	24%, 10%, 4%
CMY	0.7608, 0.9020, 0.9569
CMYK	0.00, 0.59, 0.82, 0.76
HSL	17°, 69%, 14%
HSV	17°, 82%, 24%
XYZ	2.3325, 1.7115, 0.5240
YIQ	34.1680, 25.9500, 3.2780

# Conversions

## Conversions Part 2

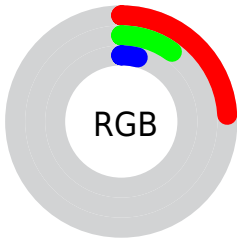
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 30, 11
Decimal	4004107
CIELab	13.89, 16.45, 16.46
CIELCh	14, 23.268, 45.025
Yxy	1.7115, 0.5106, 0.3747
Android (android.graphics.Color)	4282194187 (0xFF3D190B)
YUV	34.1680, -11.4218, 23.5317
Hunter-Lab	13.0825, 8.9306, 6.7829

# Details

The Hex color **3D190B** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0B2F3D**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **704536**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3D1505**, and if you desaturate by 10%, it is **3D1D11**.

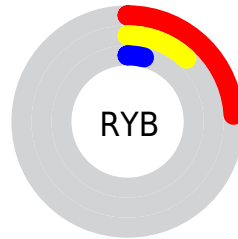
# Distribution



 Red (24%)

 Green (10%)

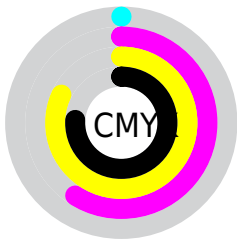
 Blue (4%)



 Red (24%)

 Yellow (12%)

 Blue (4%)

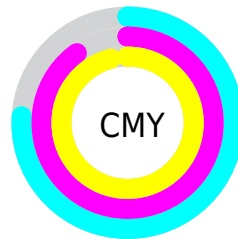


 Cyan (0%)

 Magenta (59%)

 Yellow (82%)

 Black (76%)



 Cyan (76%)

 Magenta (90%)

 Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D190B 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 3D190B by changing the saturation by 10% instead.



 3D190B

 3D190B

 FFFEEB

 260100

 704536

 000000

 8A5D4D

 A57665

 C1907E

 DEAA98

 FBC5B3

 FFE2CF

 3D190B

 3D190B

■ 3D1505

■ 3D1D11

■ 3D1100

■ 3D2217

■ 3D261D

■ 3D2B23

■ 3D2F2A

■ 3D3330

■ 3D3836

■ 3D3C3C

■ 3D4142

# Harmonies

## Analogous

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



41141C



3D190B



332000

# Triad

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



3D190B



002B1A



132243

# Complementary

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



3D190B



0B2F3D

# 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.



002743



3D190B



002B2B

# Square

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



3D190B



122909



002A3A



2F1B3A

# Rectangle

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



3D190B



2B2300



002A3A



022444



# Sweetspot

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



3D190B



4F413B



3D0B30



29201D



A8A8A8



292929



# Same Dimension

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



3D190B



4F1702



3D310B



1F1C1C



5E1A00



DE3E00



# Inverse Universe

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



0B2F3D



02394F



0B173D



1C1E1F



00445E

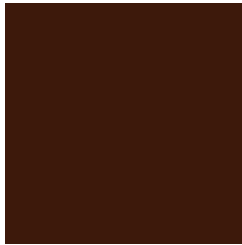


00A0DE



# Previews

## White Background



This preview shows how the Hex color 3D190B looks on a white background.

## Color Contrast Check

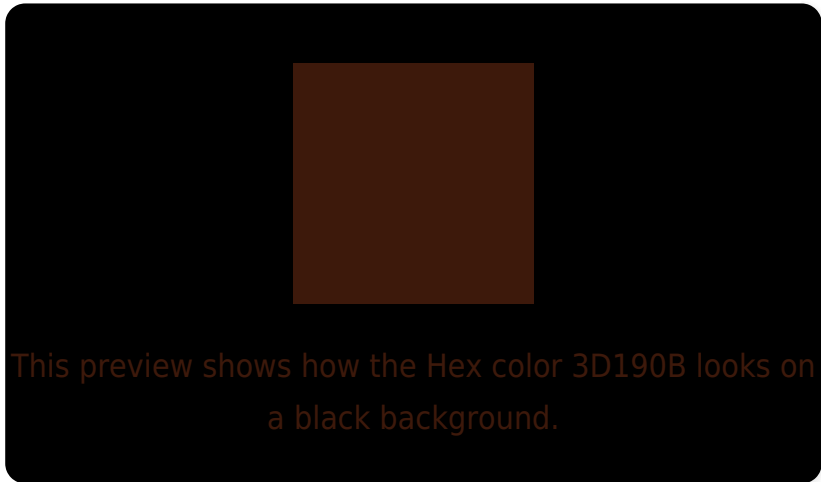
Large Text (above 18pt) WCAG AA ✓ Pass

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

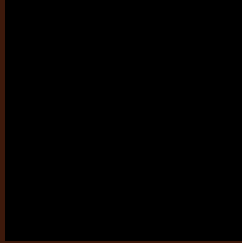
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3D190B Background



This preview shows how black text looks on a background with the Hex color 3D190B.

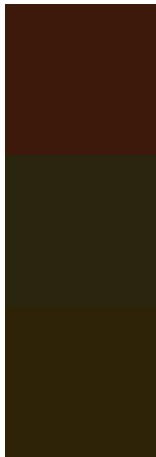


This preview shows how white text looks on a background with the Hex color 3D190B.

# 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](#).

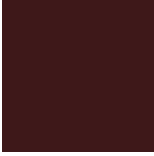
## Dichromacy



**Original Color**  
3D190B

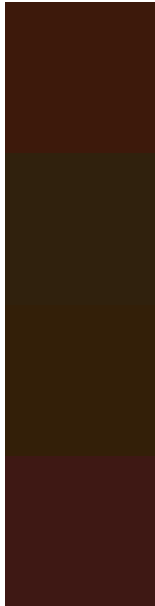
**Protanopia**  
29250E

**Deuteranopia**  
2E2307



**Tritanopia**  
3E1819

# Trichromacy



**Original Color**  
3D190B

**Protanomaly**  
30210D

**Deuteranomaly**  
331F08

**Tritanomaly**  
3E1814

# Monochromacy



**Original Color**  
3D190B

**Achromatopsia**  
222222

**Achromatomaly**  
2C1F1A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D190B 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 #3D190B looks like.

```
.text, #text, p{  
    color:#3D190B  
}
```

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 #3D190B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D190B
}
```

## Border

The CSS property to change the border of an element to Hex 3D190B is called "border". The border property can be set on classes, ids or directly on the HTML element.

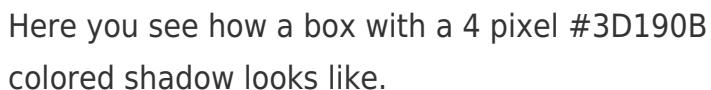
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D190B }
```

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

```
.border{ border-color:#3D190B }
```

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



Here you see how a box with a 4 pixel #3D190B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D190B; -webkit-box-shadow:4px 4px  
4px 4px #3D190B; box-shadow:4px 4px 4px  
4px #3D190B }
```

# Background

The CSS property to change the background color of an element to Hex 3D190B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D190B }
```

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

```
.background{ background-color:#3D190B }
```

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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