

Converting Colors

Hex(30190B)

Have a look what the booklet for
Hex(30190B) contains.

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Color

Hex(30190B)

Conversions

Conversions Part 1

Format	Color
Hex	30190B
RGB	48, 25, 11
RGB Percent	19%, 10%, 4%
CMY	0.8118, 0.9020, 0.9569
CMYK	0.00, 0.48, 0.77, 0.81
HSL	23°, 63%, 12%
HSV	23°, 77%, 19%
XYZ	1.6270, 1.3478, 0.4910
YIQ	30.2810, 18.2020, 0.5220

Conversions

Conversions Part 2

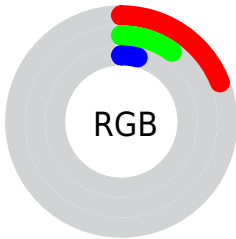
Format	Color
RYB	48, 34, 11
Decimal	3152139
CIELab	11.61, 9.87, 12.99
CIElCh	12, 16.311, 52.768
Yxy	1.3478, 0.4694, 0.3889
Android (android.graphics.Color)	4281342219 (0xFF30190B)
YUV	30.2810, -9.5055, 15.5396
Hunter-Lab	11.6095, 4.6985, 5.6190

Details

The Hex color **30190B** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0B2230**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **604437**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **301606**, and if you desaturate by 10%, it is **301C10**.

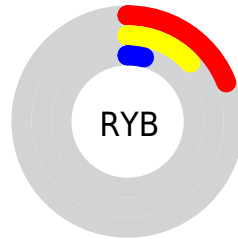
Distribution



Red (19%)

Green (10%)

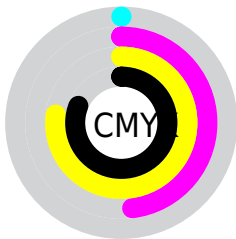
Blue (4%)



Red (19%)

Yellow (13%)

Blue (4%)

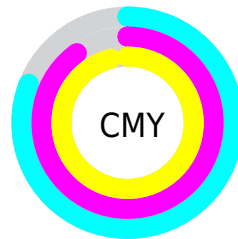


Cyan (0%)

Magenta (48%)

Yellow (77%)

Black (81%)



Cyan (81%)

Magenta (90%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30190B 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 30190B by changing the saturation by 10% instead.

 30190B

 30190B

 FFFCEB

 1A0000

 604437

 000000

 795C4D

 947465

 AF8E7E

 CAA998

 E7C4B3

 FFE0CF

 30190B

 30190B

■ 301606

■ 301C10

■ 301301

■ 301F15

■ 301200

■ 302219

■ 30251E

■ 302823

■ 302B28

■ 302E2D

■ 303131

■ 303436

Harmonies

Analogous

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



341617



30190B



281D03

Triad

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



30190B



00241C



1B1D33

Complementary

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



30190B



0B2230

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.



042135



30190B



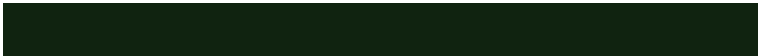
002427

Square

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



30190B



102310



002330



2A182C

Rectangle

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



30190B



222003



002330



151E34

Sweetspot

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



30190B



3D342F



300B22



1F1916



9E9E9E



1F1F1F

Same Dimension

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



30190B



3D1A04



302B0B



171615



572100



D65100

Inverse Universe

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



0B2230



04283D



0B1030



151617



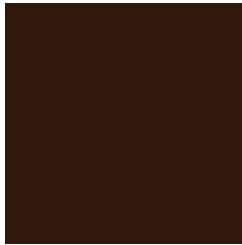
003657



0085D6

Previews

White Background



This preview shows how the Hex color 30190B looks on a white background.

Color Contrast Check

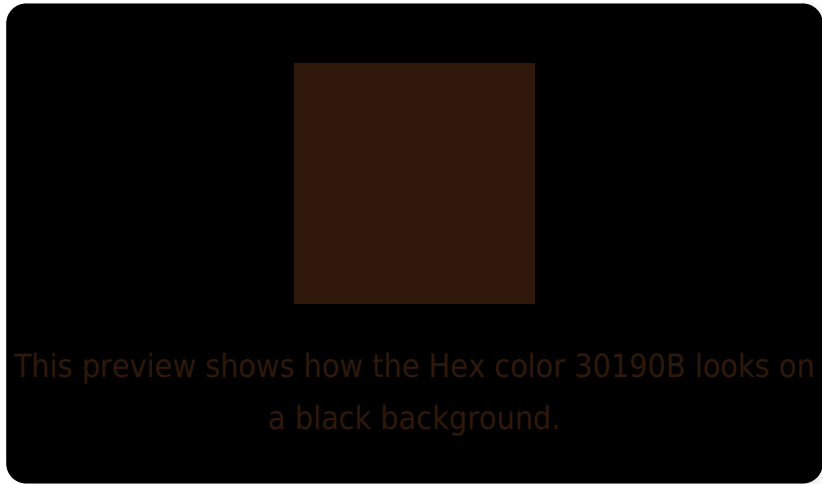
Large Text (above 18pt) WCAG AA ✓ Pass

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

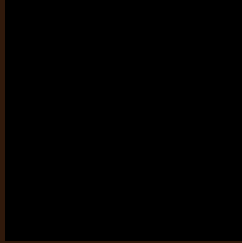
Any Text WCAG AA × Fail

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 30190B Background



This preview shows how black text looks on a background with the Hex color 30190B.

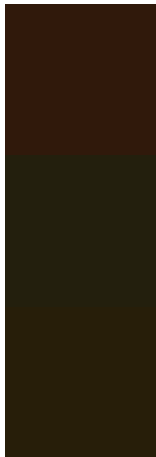


This preview shows how white text looks on a background with the Hex color 30190B.

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
30190B

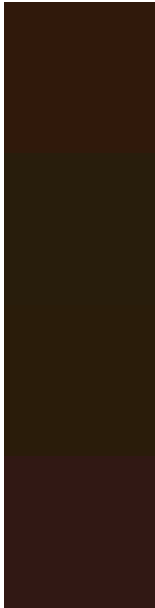
Protanopia
231F0D

Deuteranopia
271E09



Tritanopia
311819

Trichromacy



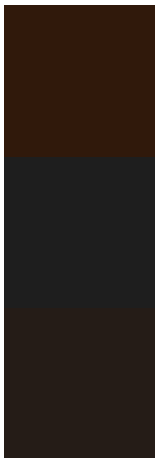
Original Color
30190B

Protanomaly
281D0C

Deuteranomaly
2A1C0A

Tritanomaly
311814

Monochromacy



Original Color
30190B

Achromatopsia
1E1E1E

Achromatomaly
251C17

CSS Examples

Text

The CSS property to change the color of the text to Hex 30190B 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 #30190B looks like.

```
.text, #text, p{  
    color:#30190B  
}
```

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 #30190B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30190B
}
```

Border

The CSS property to change the border of an element to Hex 30190B is called "border". The border property can be set on classes, ids or directly on the HTML element.

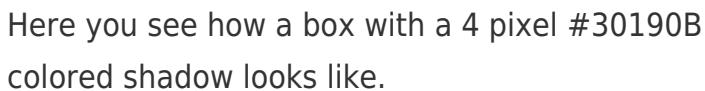
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#30190B }
```

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

```
.border{ border-color:#30190B }
```

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



Here you see how a box with a 4 pixel #30190B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30190B; -webkit-box-shadow:4px 4px  
4px 4px #30190B; box-shadow:4px 4px 4px  
4px #30190B }
```

Background

The CSS property to change the background color of an element to Hex 30190B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30190B }
```

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

```
.background{ background-color:#30190B }
```

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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