

Converting Colors

Hex(3C191B)

Have a look what the booklet for
Hex(3C191B) contains.

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Color

Hex(3C191B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 3C191B |
| RGB | 60, 25, 27 |
| RGB Percent | 24%, 10%, 11% |
| CMY | 0.7647, 0.9020, 0.8941 |
| CMYK | 0.00, 0.58, 0.55, 0.76 |
| HSL | 357°, 41%, 17% |
| HSV | 357°, 58%, 24% |
| XYZ | 2.4089, 1.7351, 1.2448 |
| YIQ | 35.6930, 20.2180, 8.0420 |

Conversions

Conversions Part 2

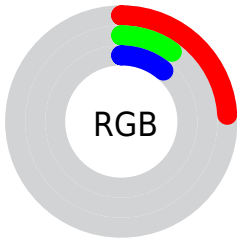
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 60, 25, 27 |
| Decimal | 3938587 |
| CIE _{Lab} | 14.03, 17.43, 6.72 |
| CIE _{LCh} | 14, 18.679, 21.089 |
| Yxy | 1.7351, 0.4470, 0.3220 |
| Android (android.graphics.Color) | 4282128667 (0xFF3C191B) |
| YUV | 35.6930, -4.2856, 21.3172 |
| Hunter-Lab | 13.1721, 9.5931, 3.6172 |

Details

The Hex color **3C191B** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **193C3A**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **6E4546**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3C1315**, and if you desaturate by 10%, it is **3C1F21**.

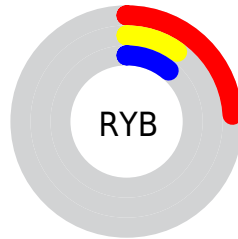
Distribution



Red (24%)

Green (10%)

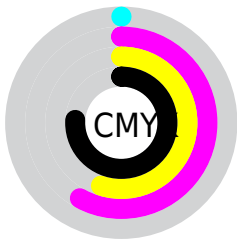
Blue (11%)



Red (24%)

Yellow (10%)

Blue (11%)

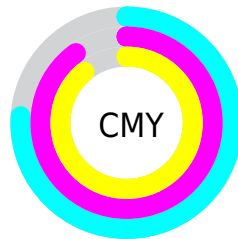


Cyan (0%)

Magenta (58%)

Yellow (55%)

Black (76%)



Cyan (76%)

Magenta (90%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C191B 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 3C191B by changing the saturation by 10% instead.



3C191B



3C191B

FFFFFFE



270000



6E4546



000000



885D5E



A27676



BE9090



DAAAAA



F7C6C6



FFE2E2



3C191B



3C191B

■ 3C1315

■ 3C1F21

■ 3C0D10

■ 3C2526

■ 3C070A

■ 3C2B2C

■ 3C0104

■ 3C3132

■ 3C0003

■ 3C3737

■ 3C3D3D

■ 3C4343

■ 3C4948

■ 3C4F4E

Harmonies

Analogous

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



3A1928



3C191B



381D0F

Triad

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



3C191B



132913



00263D

Complementary

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



3C191B



193C3A

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.



002938



3C191B



002A1F

Square

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



3C191B



232607



002A2D



1E223C

Rectangle

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



3C191B



322008



002A2D



00273C

Sweetspot

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



3C191B



4F4142



3A193C



292020



A8A8A8



292929

Same Dimension

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



3C191B



4F181B



3C2819



1F1C1C



5E0005



DE000D

Inverse Universe

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



3C191B



4F181B



192D3C



1F1C1C



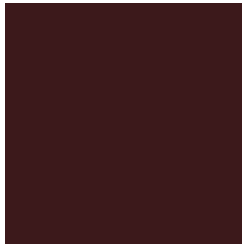
5E0005



DE000D

Previews

White Background



This preview shows how the Hex color 3C191B looks on a white background.

Color Contrast Check

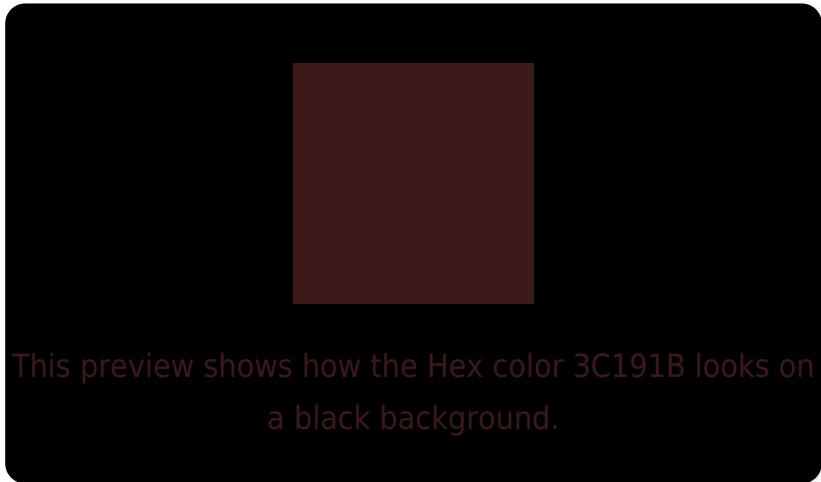
Large Text (above 18pt) WCAG AA ✓ Pass

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

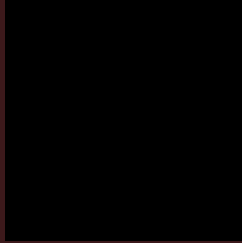
Any Text WCAG AA × Fail

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 3C191B Background



This preview shows how black text looks on a background with the Hex color 3C191B.



This preview shows how white text looks on a background with the Hex color 3C191B.

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
3C191B

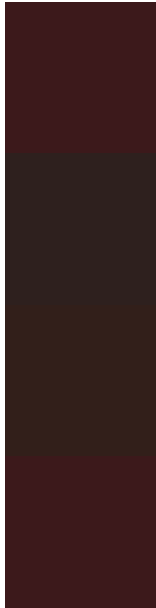
Protanopia
262420

Deuteranopia
2C2319



Tritanopia
3C191B

Trichromacy



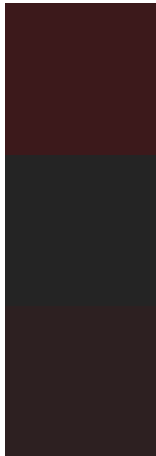
Original Color
3C191B

Protanomaly
2E201E

Deuteranomaly
321F1A

Tritanomaly
3C191B

Monochromacy



Original Color
3C191B

Achromatopsia
242424

Achromatomaly
2D2021

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C191B 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 #3C191B looks like.

```
.text, #text, p{  
    color:#3C191B  
}
```

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 #3C191B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C191B
}
```

Border

The CSS property to change the border of an element to Hex 3C191B is called "border". The border property can be set on classes, ids or directly on the HTML element.

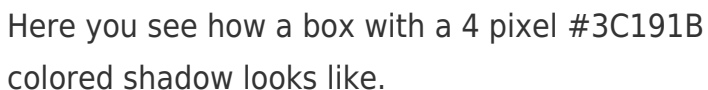
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C191B }
```

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

```
.border{ border-color:#3C191B }
```

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



Here you see how a box with a 4 pixel #3C191B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C191B; -webkit-box-shadow:4px 4px  
4px 4px #3C191B; box-shadow:4px 4px 4px  
4px #3C191B }
```

Background

The CSS property to change the background color of an element to Hex 3C191B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C191B }
```

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

```
.background{ background-color:#3C191B }
```

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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