

Converting Colors

Hex(38191F)

Have a look what the booklet for
Hex(38191F) contains.

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Color

Hex(38191F)

Conversions

Conversions Part 1

Format	Color
Hex	38191F
RGB	56, 25, 31
RGB Percent	22%, 10%, 12%
CMY	0.7804, 0.9020, 0.8784
CMYK	0.00, 0.55, 0.45, 0.78
HSL	348°, 38%, 16%
HSV	348°, 55%, 22%
XYZ	2.2258, 1.6349, 1.4946
YIQ	34.9530, 16.5500, 8.4380

Conversions

Conversions Part 2

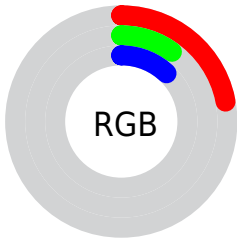
Format	Color
R_{YB}	56, 25, 31
Decimal	3676447
CIE _{Lab}	13.44, 16.15, 2.87
CIE _{LCh}	13, 16.401, 10.093
Yxy	1.6349, 0.4156, 0.3053
Android (android.graphics.Color)	4281866527 (0xFF38191F)
YUV	34.9530, -1.9488, 18.4582
Hunter-Lab	12.7865, 8.6965, 2.0203

Details

The Hex color **38191F** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **193832**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **69454B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **38131A**, and if you desaturate by 10%, it is **381F24**.

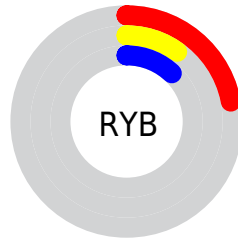
Distribution



Red (22%)

Green (10%)

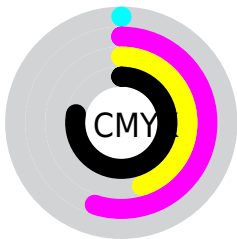
Blue (12%)



Red (22%)

Yellow (10%)

Blue (12%)

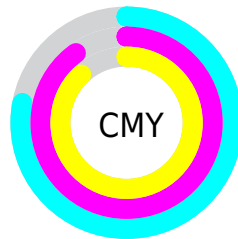


Cyan (0%)

Magenta (55%)

Yellow (45%)

Black (78%)



Cyan (78%)

Magenta (90%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38191F 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 38191F by changing the saturation by 10% instead.

■ 38191F

■ 38191F

FFFEFF

■ 240006

■ 69454B

■ 000000

■ 825D62

■ 9D767B

■ B88F95

■ D4AAB0

■ F0C5CB

■ FFE1E7

■ 38191F

■ 38191F

■ 38131A

■ 381F24

■ 380E16

■ 382428

■ 380811

■ 382A2D

■ 38030D

■ 382F31

■ 38000B

■ 383536

■ 383B3A

■ 38403F

■ 384643

■ 384B48

Harmonies

Analogous

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



341A2A



38191F



361B14

Triad

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



38191F



192610



002638

Complementary

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



38191F



193832

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.



002831



38191F



09281A

Square

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



38191F



262309



002826



172239

Rectangle

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



38191F



321E0E



002826



002736

Sweetspot

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



38191F



4A3D40



321938



261F20



A6A6A6



262626

Same Dimension

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



38191F



4A1923



382219



1C191A



5C0012



DB002A

Inverse Universe

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



38191F



4A1923



192F38



1C191A



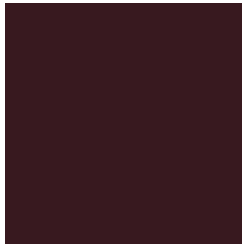
5C0012



DB002A

Previews

White Background



This preview shows how the Hex color 38191F looks on a white background.

Color Contrast Check

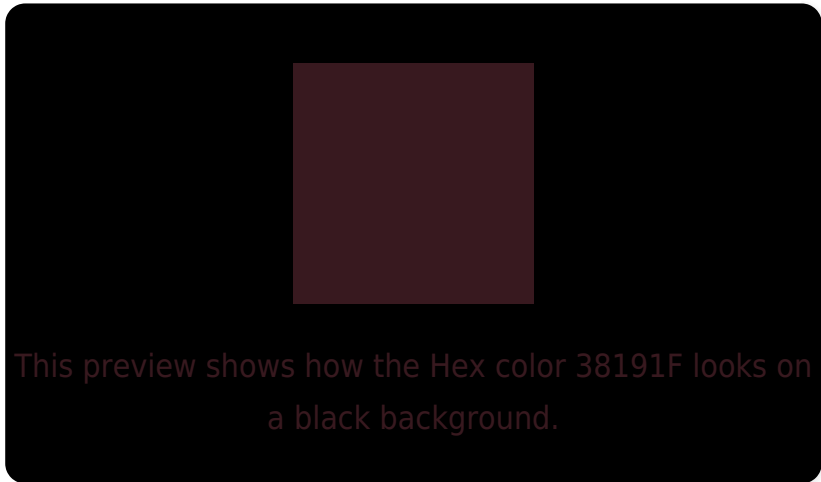
Large Text (above 18pt) WCAG AA ✓ Pass

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

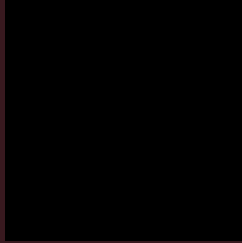
Any Text WCAG AA × Fail

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 38191F Background



This preview shows how black text looks on a background with the Hex color 38191F.

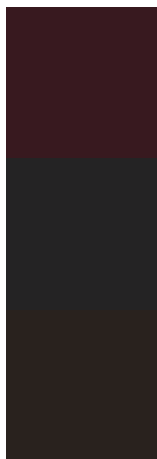


This preview shows how white text looks on a background with the Hex color 38191F.

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](#).

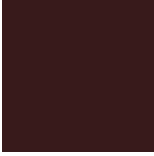
Dichromacy



Original Color
38191F

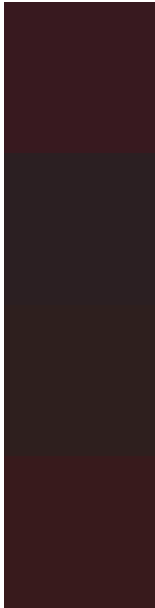
Protanopia
242324

Deuteranopia
29221E



Tritanopia
381A1B

Trichromacy



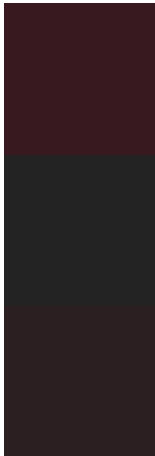
Original Color
38191F

Protanomaly
2B1F22

Deuteranomaly
2E1F1E

Tritanomaly
381A1C

Monochromacy



Original Color
38191F

Achromatopsia
232323

Achromatomaly
2B1F22

CSS Examples

Text

The CSS property to change the color of the text to Hex 38191F 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 #38191F looks like.

```
.text, #text, p{  
    color:#38191F  
}
```

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 #38191F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38191F
}
```

Border

The CSS property to change the border of an element to Hex 38191F is called "border". The border property can be set on classes, ids or directly on the HTML element.

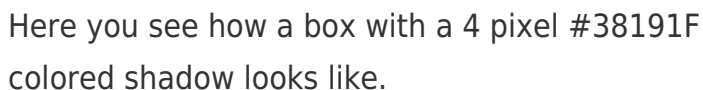
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#38191F }
```

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

```
.border{ border-color:#38191F }
```

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



Here you see how a box with a 4 pixel #38191F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38191F; -webkit-box-shadow:4px 4px  
4px 4px #38191F; box-shadow:4px 4px 4px  
4px #38191F }
```

Background

The CSS property to change the background color of an element to Hex 38191F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38191F }
```

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

```
.background{ background-color:#38191F }
```

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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