

Converting Colors

Hex(30191A)

Have a look what the booklet for
Hex(30191A) contains.

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Color

Hex(30191A)

Conversions

Conversions Part 1

Format	Color
Hex	30191A
RGB	48, 25, 26
RGB Percent	19%, 10%, 10%
CMY	0.8118, 0.9020, 0.8980
CMYK	0.00, 0.48, 0.46, 0.81
HSL	357°, 32%, 14%
HSV	357°, 48%, 19%
XYZ	1.7530, 1.3982, 1.1548
YIQ	31.9910, 13.3870, 5.1870

Conversions

Conversions Part 2

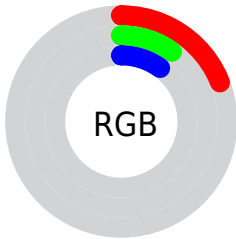
Format	Color
RYB	48, 25, 26
Decimal	3152154
CIELab	11.95, 11.65, 4.24
CIELCh	12, 12.397, 20.005
Yxy	1.3982, 0.4071, 0.3247
Android (android.graphics.Color)	4281342234 (0xFF30191A)
YUV	31.9910, -2.9536, 14.0399
Hunter-Lab	11.8246, 5.7696, 2.4871

Details

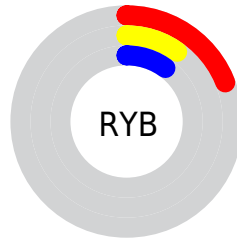
The Hex color **30191A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19302F**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **5F4445**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **301415**, and if you desaturate by 10%, it is **301E1F**.

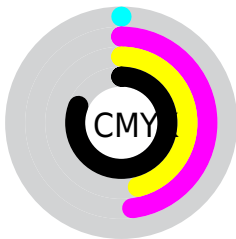
Distribution



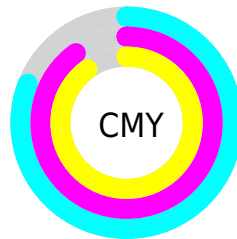
- Red (19%)
- Green (10%)
- Blue (10%)



- Red (19%)
- Yellow (10%)
- Blue (10%)



- Cyan (0%)
- Magenta (48%)
- Yellow (46%)
- Black (81%)



- Cyan (81%)
- Magenta (90%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30191A 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 30191A by changing the saturation by 10% instead.

■ 30191A

■ 30191A

■ FFFDFD

■ 1D0000

■ 5F4445

■ 000000

■ 785C5C

■ 927575

■ AD8E8F

■ C9A9A9

■ E5C4C4

■ FFE0E0

■ 30191A

■ 30191A

■ 301415

■ 301E1F

■ 300F11

■ 302323

■ 300B0C

■ 302728

■ 300608

■ 302C2C

■ 300103

■ 303131

■ 300002

■ 303636

■ 303B3A

■ 303F3F

■ 304443

Harmonies

Analogous

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



2E1923



30191A



2E1B12

Triad

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



30191A



162314



0E2130

Complementary

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



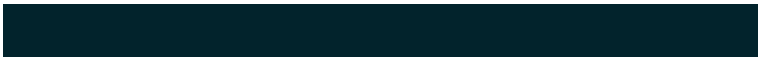
30191A



19302F

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.



02232C



30191A



0A241C

Square

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



30191A



1F210E



022425



1C1E2F

Rectangle

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



30191A



2A1D0E



022425



09222F

Sweetspot

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



30191A



3D3535



2F1930



1F191A



9E9E9E



1F1F1F

Same Dimension

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



30191A



3D1A1B



302319



171515



570004



D60009

Inverse Universe

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



30191A



3D1A1B



192630



171515



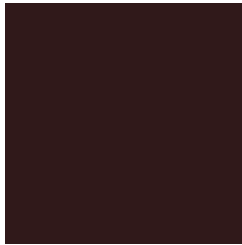
570004



D60009

Previews

White Background



This preview shows how the Hex color 30191A looks on a white background.

Color Contrast Check

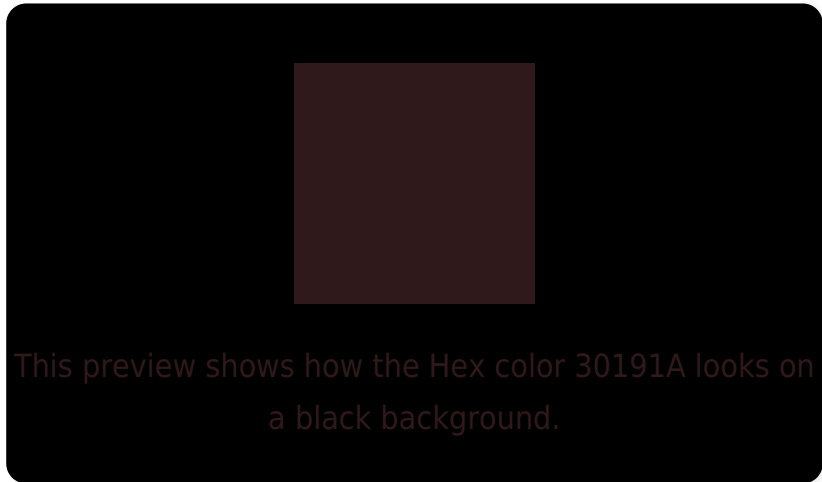
Large Text (above 18pt) WCAG AA ✓ Pass

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 30191A Background



This preview shows how black text looks on a background with the Hex color 30191A.

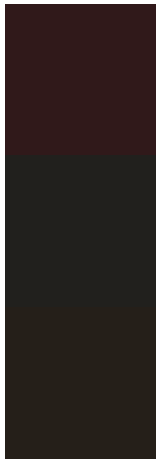


This preview shows how white text looks on a background with the Hex color 30191A.

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
30191A

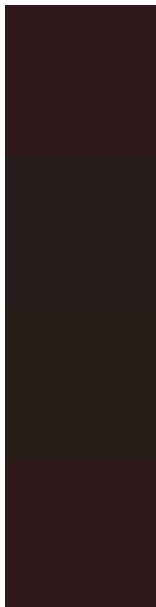
Protanopia
21201D

Deuteranopia
251F19



Tritanopia
30191B

Trichromacy



Original Color

30191A

Protanomaly

261D1C

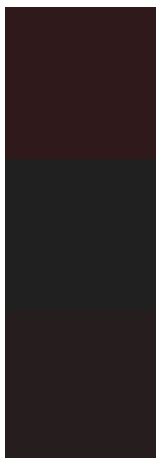
Deuteranomaly

291D19

Tritanomaly

30191B

Monochromacy



Original Color

30191A

Achromatopsia

202020

Achromatomaly

261D1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 30191A 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 #30191A looks like.

```
.text, #text, p{  
    color:#30191A  
}
```

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 #30191A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30191A
}
```

Border

The CSS property to change the border of an element to Hex 30191A 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
#30191A }
```

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

```
.border{ border-color:#30191A }
```

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

Here you see how a box with a 4 pixel #30191A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30191A; -webkit-box-shadow:4px 4px  
4px 4px #30191A; box-shadow:4px 4px 4px  
4px #30191A }
```

Background

The CSS property to change the background color of an element to Hex 30191A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30191A }
```

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

```
.background{ background-color:#30191A }
```

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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