

Converting Colors

Hex(02191A)

Have a look what the booklet for
Hex(02191A) contains.

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Color

Hex(02191A)

Conversions

Conversions Part 1

Format	Color
Hex	02191A
RGB	2, 25, 26
RGB Percent	1%, 10%, 10%
CMY	0.9922, 0.9020, 0.8980
CMYK	0.92, 0.04, 0.00, 0.90
HSL	182°, 86%, 5%
HSV	182°, 92%, 10%
XYZ	0.5591, 0.7827, 1.0989
YIQ	18.2370, -14.0290, -4.5650

Conversions

Conversions Part 2

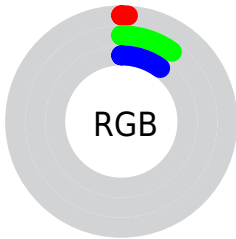
Format	Color
RYB	2, 14, 26
Decimal	137498
CIELab	7.07, -7.57, -3.44
CIElCh	7, 8.319, 204.458
Yxy	0.7827, 0.2291, 0.3207
Android (android.graphics.Color)	4278327578 (0xFF02191A)
YUV	18.2370, 3.8272, -14.2398
Hunter-Lab	8.8473, -4.2022, -1.1711

Details

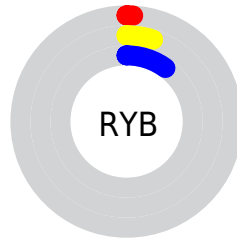
The Hex color **02191A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1A0302**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **2F4445**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00191A**, and if you desaturate by 10%, it is **05191A**.

Distribution



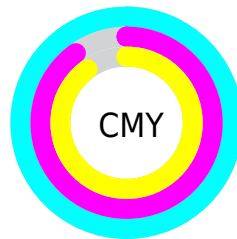
- Red (1%)
- Green (10%)
- Blue (10%)



- Red (1%)
- Yellow (5%)
- Blue (10%)



- Cyan (92%)
- Magenta (4%)
- Yellow (0%)
- Black (90%)



- Cyan (99%)
- Magenta (90%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02191A 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 02191A by changing the saturation by 10% instead.

■ 02191A

■ 02191A

■ E3FBFD

■ 000000

■ 2F4445

■ 465B5C

■ 5E7475

■ 778D8F

■ 91A8A9

■ ABC3C4

■ C7DFE0

■ 02191A

■ 02191A

■ 00191A

■ 05191A

■ 07191A

■ 0A191A

■ 0C191A

■ 0F1A1A

■ 121A1A

■ 141A1A

■ 171A1A

■ 191A1A

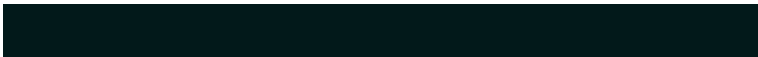
Harmonies

Analogous

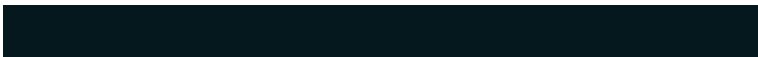
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



051914



02191A



05181E

Triad

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



02191A



1C131C



1C1506

Complementary

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



02191A



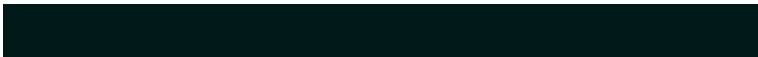
1A0302

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.



1F130A



02191A



201217

Square

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



02191A



151520



211210



151707

Rectangle

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



02191A



0A1720



211210



1D1406

Sweetspot

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



02191A



182121



021A03



0C1212



919191



121212

Same Dimension

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



02191A



002021



020D1A



0B0D0D



00494D



00C4CC

Inverse Universe

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



1A0219



210020



1A0F02



0D0B0D



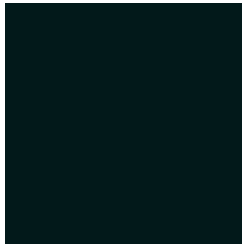
4D0049



CC00C4

Previews

White Background



This preview shows how the Hex color 02191A 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

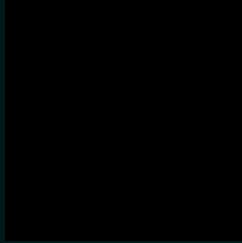
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

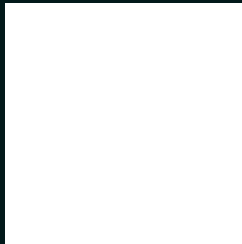
Any Text WCAG AAA × Fail

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

Hex 02191A Background



This preview shows how black text looks on a background with the Hex color 02191A.

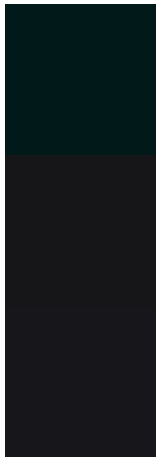


This preview shows how white text looks on a background with the Hex color 02191A.

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
02191A

Protanopia
161618

Deuteranopia
16161B



Tritanopia
04191B

Trichromacy



Original Color
02191A

Protanomaly
0F1719

Deuteranomaly
0F171B

Tritanomaly
03191B

Monochromacy



Original Color
02191A

Achromatopsia
121212

Achromatomaly
0C1515

CSS Examples

Text

The CSS property to change the color of the text to Hex 02191A 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 #02191A looks like.

```
.text, #text, p{  
    color:#02191A  
}
```

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 #02191A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02191A
}
```

Border

The CSS property to change the border of an element to Hex 02191A 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
#02191A }
```

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

```
.border{ border-color:#02191A }
```

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

Here you see how a box with a 4 pixel #02191A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02191A; -webkit-box-shadow:4px 4px  
4px 4px #02191A; box-shadow:4px 4px 4px  
4px #02191A }
```

Background

The CSS property to change the background color of an element to Hex 02191A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02191A }
```

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

```
.background{ background-color:#02191A }
```

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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