

Converting Colors

Hex(191B2B)

Have a look what the booklet for
Hex(191B2B) contains.

Hex(191B2B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(191B2B)

Conversions

Conversions Part 1

Format	Color
Hex	191B2B
RGB	25, 27, 43
RGB Percent	10%, 11%, 17%
CMY	0.9020, 0.8941, 0.8314
CMYK	0.42, 0.37, 0.00, 0.83
HSL	233°, 26%, 13%
HSV	233°, 42%, 17%
XYZ	1.2289, 1.1650, 2.4456
YIQ	28.2260, -6.3280, 4.5520

Conversions

Conversions Part 2

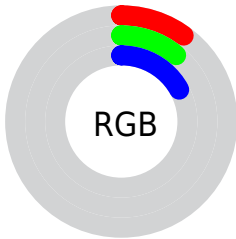
Format	Color
R_{YB}	25, 27, 43
Decimal	1645355
CIE Lab	10.30, 4.01, -11.09
CIE LCh	10, 11.792, 289.863
Yxy	1.1650, 0.2539, 0.2407
Android (android.graphics.Color)	4279835435 (0xFF191B2B)
YUV	28.2260, 7.2836, -2.8292
Hunter-Lab	10.7933, 1.4349, -5.8788

Details

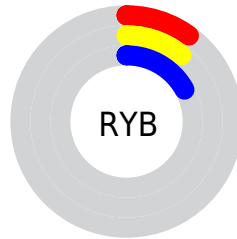
The Hex color **191B2B** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **2B2919**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **454658**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **15172B**, and if you desaturate by 10%, it is **1D1F2B**.

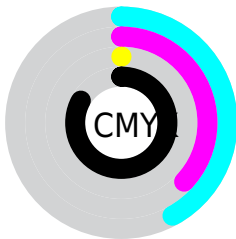
Distribution



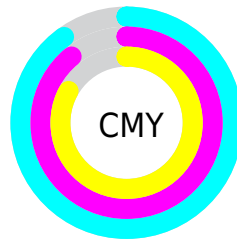
- Red (10%)
- Green (11%)
- Blue (17%)



- Red (10%)
- Yellow (11%)
- Blue (17%)



- Cyan (42%)
- Magenta (37%)
- Yellow (0%)
- Black (83%)



- Cyan (90%)
- Magenta (89%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 191B2B 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 191B2B by changing the saturation by 10% instead.

■ 191B2B

■ 191B2B

■ FEFEFF

■ 000017

■ 454658

■ 000000

■ 5D5E71

■ 75768A

■ 8F90A5

■ A9AAC0

■ C5C6DC

■ E1E2F8

■ 191B2B

■ 191B2B

■ 15172B

■ 1D1F2B

■ 10132B

■ 22232B

■ 0C102B

■ 26262B

■ 080C2B

■ 2A2A2B

■ 03082B

■ 2F2E2B

■ 00052B

■ 33322B

■ 37362B

■ 3B3A2B

■ 403D2B

Harmonies

Analogous

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



0B1E2C



191B2B



231826

Triad

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



191B2B



29180F



082019

Complementary

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



191B2B



2B2919

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.



131F11



191B2B



241B09

Square

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



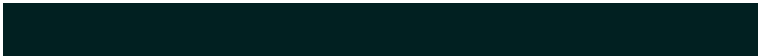
191B2B



2C1617



1D1D0A



012021

Rectangle

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



191B2B



281722



1D1D0A



0C2016

Sweetspot

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



191B2B



313238



192B29



18181C



9C9C9C



1C1C1C

Same Dimension

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



191B2B



1C1F38



20192B



121314



000954



0018D4

Inverse Universe

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



2B191B



381C1F



242B19



141213



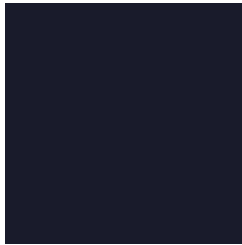
540009



D40018

Previews

White Background



This preview shows how the Hex color 191B2B looks on a white background.

Color Contrast Check

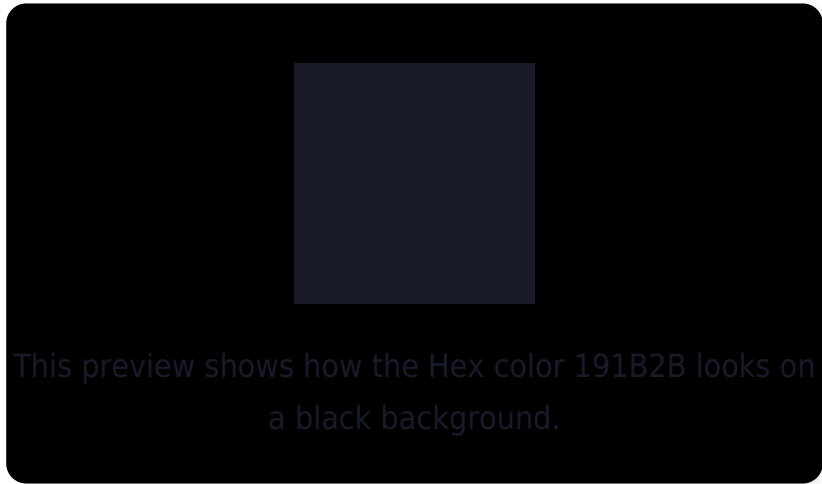
Large Text (above 18pt) WCAG AA ✓ Pass

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

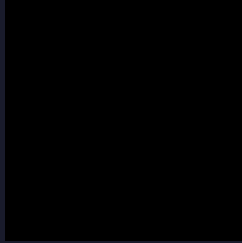
Any Text WCAG AA × Fail

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 191B2B Background



This preview shows how black text looks on a background with the Hex color 191B2B.



This preview shows how white text looks on a background with the Hex color 191B2B.

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
191B2B

Protanopia
161C2C

Deuteranopia
151C2B



Tritanopia
161D20

Trichromacy



Original Color
191B2B

Protanomaly
171C2C

Deuteranomaly
161C2B

Tritanomaly
171C24

Monochromacy



Original Color
191B2B

Achromatopsia
1C1C1C

Achromatomaly
1B1C21

CSS Examples

Text

The CSS property to change the color of the text to Hex 191B2B 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 #191B2B looks like.

```
.text, #text, p{  
    color:#191B2B  
}
```

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 #191B2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #191B2B
}
```

Border

The CSS property to change the border of an element to Hex 191B2B is called "border". The border property can be set on classes, ids or directly on the HTML element.

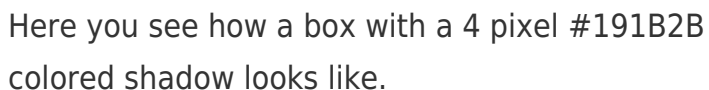
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#191B2B }
```

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

```
.border{ border-color:#191B2B }
```

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



Here you see how a box with a 4 pixel #191B2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #191B2B; -webkit-box-shadow:4px 4px  
4px 4px #191B2B; box-shadow:4px 4px 4px  
4px #191B2B }
```

Background

The CSS property to change the background color of an element to Hex 191B2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#191B2B }
```

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

```
.background{ background-color:#191B2B }
```

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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