

Converting Colors

Hex(19020B)

Have a look what the booklet for
Hex(19020B) contains.

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Color

Hex(19020B)

Conversions

Conversions Part 1

Format	Color
Hex	19020B
RGB	25, 2, 11
RGB Percent	10%, 1%, 4%
CMY	0.9020, 0.9922, 0.9569
CMYK	0.00, 0.92, 0.56, 0.90
HSL	337°, 85%, 5%
HSV	337°, 92%, 10%
XYZ	0.4830, 0.2743, 0.3441
YIQ	9.9030, 10.8190, 7.6750

Conversions

Conversions Part 2

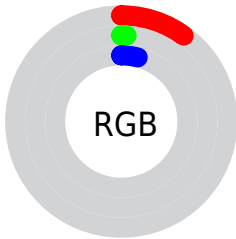
Format	Color
RYB	25, 2, 11
Decimal	1638923
CIELab	2.48, 9.11, -0.65
CIELCh	2, 9.131, 355.915
Yxy	0.2743, 0.4386, 0.2490
Android (android.graphics.Color)	4279829003 (0xFF19020B)
YUV	9.9030, 0.5408, 13.2401
Hunter-Lab	5.2369, 7.2990, -0.2298

Details

The Hex color **19020B** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **021910**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **433137**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **19000A**, and if you desaturate by 10%, it is **19050D**.

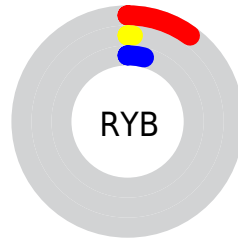
Distribution



Red (10%)

Green (1%)

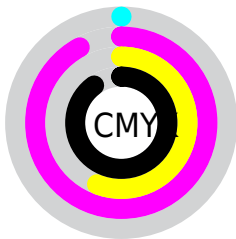
Blue (4%)



Red (10%)

Yellow (1%)

Blue (4%)

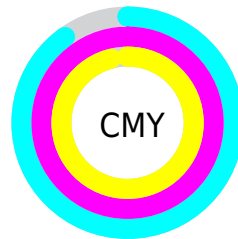


Cyan (0%)

Magenta (92%)

Yellow (56%)

Black (90%)



Cyan (90%)

Magenta (99%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19020B 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 19020B by changing the saturation by 10% instead.

 19020B

 19020B

 FBE4EB

 000000

 433137

 5A474E

 735F66

 8D787F

 A79298

 C2ACB3

 DEC8CF

 19020B

 19020B

■ 19000A

■ 19050D

■ 19070E

■ 190A10

■ 190C11

■ 190F13

■ 191114

■ 191416

■ 191617

■ 191919

Harmonies

Analogous

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



140413



19020B



1A0200

Triad

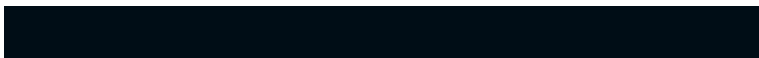
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



19020B



040C00



000D16

Complementary

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



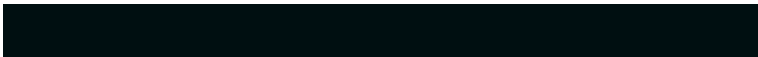
19020B



021910

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.



000F11



19020B



000E00

Square

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



19020B



0F0800



000F07



000A19

Rectangle

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



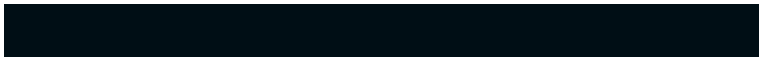
19020B



180400



000F07



000E15

Sweetspot

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



19020B



21181C



100219



120C0E



919191



121212

Same Dimension

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



19020B



21000D



190402



0D0B0C



4D001E



CC0050

Inverse Universe

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



19020B



21000D



021719



0D0B0C



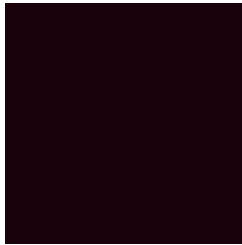
4D001E



CC0050

Previews

White Background



This preview shows how the Hex color 19020B looks on a white background.

Color Contrast Check

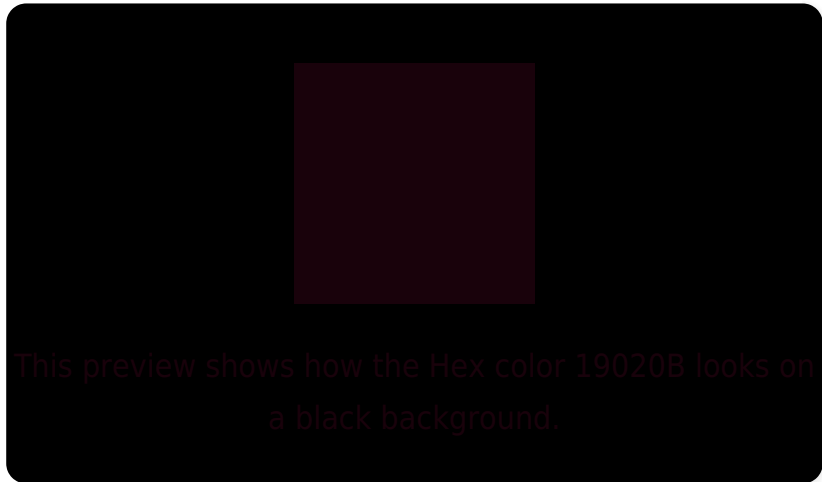
Large Text (above 18pt) WCAG AA ✓ Pass

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

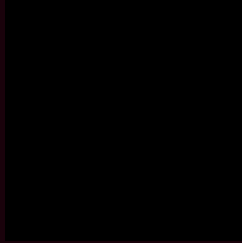
Any Text WCAG AA × Fail

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 19020B Background



This preview shows how black text looks on a background with the Hex color 19020B.



This preview shows how white text looks on a background with the Hex color 19020B.

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
19020B

Protanopia
0C0D10

Deuteranopia
0F0C0A



Tritanopia
190505

Trichromacy



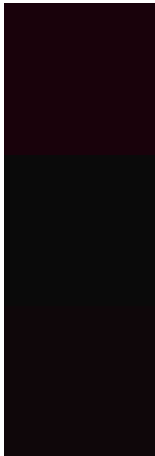
Original Color
19020B

Protanomaly
11090E

Deuteranomaly
13080A

Tritanomaly
190407

Monochromacy



Original Color
19020B

Achromatopsia
0A0A0A

Achromatomaly
0F070A

CSS Examples

Text

The CSS property to change the color of the text to Hex 19020B 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 #19020B looks like.

```
.text, #text, p{  
    color:#19020B  
}
```

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 #19020B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19020B
}
```

Border

The CSS property to change the border of an element to Hex 19020B is called "border". The border property can be set on classes, ids or directly on the HTML element.

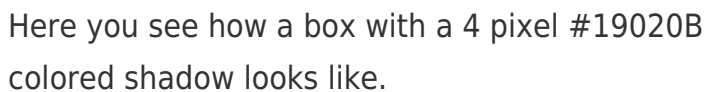
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#19020B }
```

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

```
.border{ border-color:#19020B }
```

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



Here you see how a box with a 4 pixel #19020B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19020B; -webkit-box-shadow:4px 4px  
4px 4px #19020B; box-shadow:4px 4px 4px  
4px #19020B }
```

Background

The CSS property to change the background color of an element to Hex 19020B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19020B }
```

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

```
.background{ background-color:#19020B }
```

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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