

Converting Colors

Hex(2B0A18)

Have a look what the booklet for
Hex(2B0A18) contains.

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Color

Hex(2B0A18)

Conversions

Conversions Part 1

Format	Color
Hex	2B0A18
RGB	43, 10, 24
RGB Percent	17%, 4%, 9%
CMY	0.8314, 0.9608, 0.9059
CMYK	0.00, 0.77, 0.44, 0.83
HSL	335°, 62%, 10%
HSV	335°, 77%, 17%
XYZ	1.2697, 0.7966, 0.9510
YIQ	21.4630, 15.1740, 11.3500

Conversions

Conversions Part 2

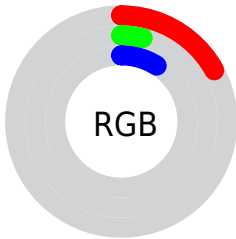
Format	Color
RYB	43, 10, 24
Decimal	2820632
CIELab	7.20, 18.66, -1.20
CIELCh	7, 18.694, 356.332
Yxy	0.7966, 0.4208, 0.2640
Android (android.graphics.Color)	4281010712 (0xFF2B0A18)
YUV	21.4630, 1.2507, 18.8879
Hunter-Lab	8.9254, 9.7730, -0.0696

Details

The Hex color **2B0A18** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0A2B1D**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **5A3543**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B0616**, and if you desaturate by 10%, it is **2B0E1A**.

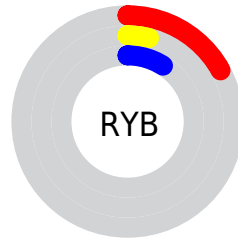
Distribution



 Red (17%)

 Green (4%)

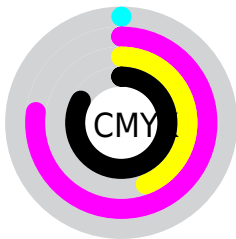
 Blue (9%)



 Red (17%)

 Yellow (4%)

 Blue (9%)

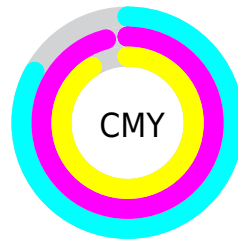



 Cyan (0%)


 Magenta (77%)

 Yellow (44%)

 Black (83%)



 Cyan (83%)

 Magenta (96%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B0A18 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 2B0A18 by changing the saturation by 10% instead.

 2B0A18

 2B0A18

 FFEBFA

 100000

 5A3543

 000000

 734C5A

 8D6572

 A87E8C

 C498A6

 E0B3C1

 FDCEDD

 2B0A18

 2B0A18

■ 2B0616

■ 2B0E1A

■ 2B0113

■ 2B131D

■ 2B0012

■ 2B171F

■ 2B1B22

■ 2B2024

■ 2B2427

■ 2B2829

■ 2B2C2C

■ 2B312E

Harmonies

Analogous

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



230E24



2B0A18



2C0B07

Triad

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



2B0A18



111900



001B2A

Complementary

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



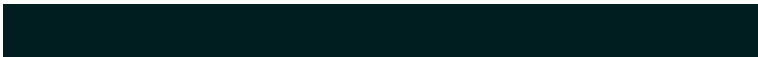
2B0A18



0A2B1D

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.



001D20



2B0A18



001C00

Square

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



2B0A18



1E1500



001D14



00182E

Rectangle

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



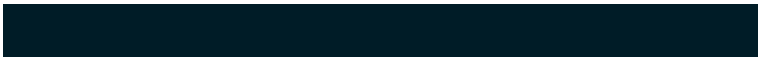
2B0A18



2A0E00



001D14



001C27

Sweetspot

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



2B0A18



382B31



1D0A2B



1C1418



9C9C9C



1C1C1C

Same Dimension

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



2B0A18



38041A



2B0C0A



141213



540024



D4005A

Inverse Universe

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



2B0A18



38041A



0A292B



141213



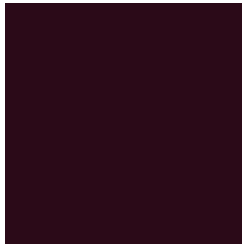
540024



D4005A

Previews

White Background



This preview shows how the Hex color 2B0A18 looks on a white background.

Color Contrast Check

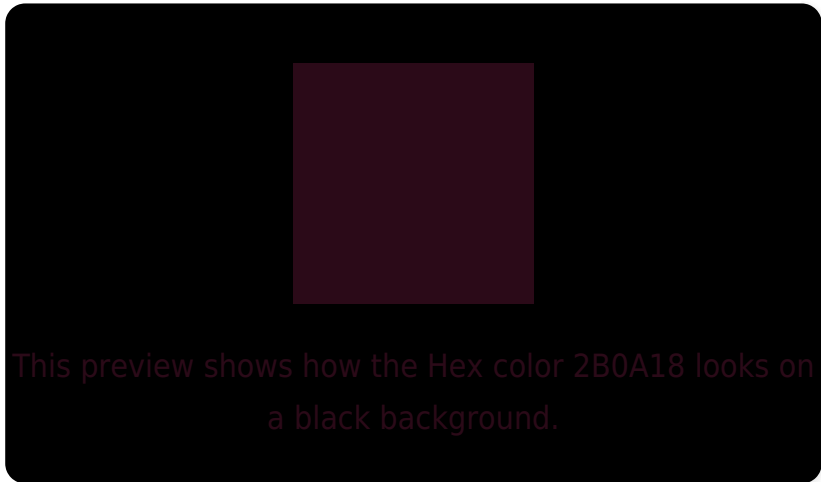
Large Text (above 18pt) WCAG AA ✓ Pass

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

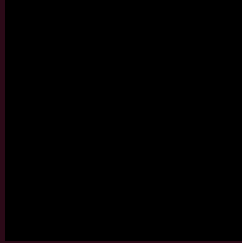
Any Text WCAG AA × Fail

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 2B0A18 Background



This preview shows how black text looks on a background with the Hex color 2B0A18.



This preview shows how white text looks on a background with the Hex color 2B0A18.

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](#).

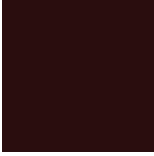
Dichromacy



Original Color
2B0A18

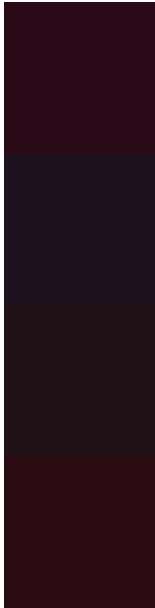
Protanopia
151720

Deuteranopia
1B1716



Tritanopia
2A0D0E

Trichromacy



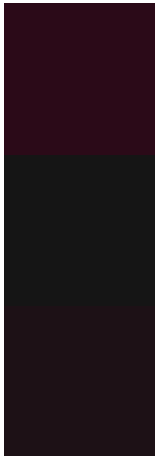
Original Color
2B0A18

Protanomaly
1D121D

Deuteranomaly
211217

Tritanomaly
2A0C12

Monochromacy



Original Color
2B0A18

Achromatopsia
151515

Achromatomaly
1D1116

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B0A18 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 #2B0A18 looks like.

```
.text, #text, p{  
    color:#2B0A18  
}
```

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 #2B0A18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B0A18
}
```

Border

The CSS property to change the border of an element to Hex 2B0A18 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
#2B0A18 }
```

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

```
.border{ border-color:#2B0A18 }
```

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

Here you see how a box with a 4 pixel #2B0A18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B0A18; -webkit-box-shadow:4px 4px  
4px 4px #2B0A18; box-shadow:4px 4px 4px  
4px #2B0A18 }
```

Background

The CSS property to change the background color of an element to Hex 2B0A18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B0A18 }
```

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

```
.background{ background-color:#2B0A18 }
```

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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