

Converting Colors

Hex(2B0122)

Have a look what the booklet for
Hex(2B0122) contains.

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Color

Hex(2B0122)

Conversions

Conversions Part 1

Format	Color
Hex	2B0122
RGB	43, 1, 34
RGB Percent	17%, 0%, 13%
CMY	0.8314, 0.9961, 0.8667
CMYK	0.00, 0.98, 0.21, 0.83
HSL	313°, 95%, 9%
HSV	313°, 98%, 17%
XYZ	1.2958, 0.6508, 1.5707
YIQ	17.3200, 14.4390, 19.1670

Conversions

Conversions Part 2

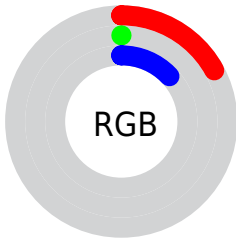
Format	Color
RYB	43, 1, 34
Decimal	2818338
CIELab	5.88, 25.14, -10.96
CIELCh	6, 27.430, 336.438
Yxy	0.6508, 0.3684, 0.1850
Android (android.graphics.Color)	4281008418 (0xFF2B0122)
YUV	17.3200, 8.2232, 22.5214
Hunter-Lab	8.0672, 14.5553, -5.8968

Details

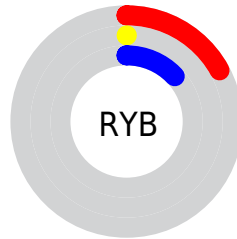
The Hex color **2B0122** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **012B0A**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **5A2E4E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B0022**, and if you desaturate by 10%, it is **2B0523**.

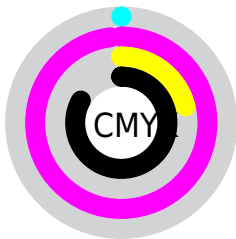
Distribution



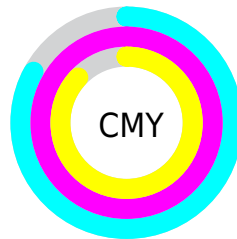
- Red (17%)
- Green (0%)
- Blue (13%)



- Red (17%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (98%)
- Yellow (21%)
- Black (83%)



- Cyan (83%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B0122 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 2B0122 by changing the saturation by 10% instead.

 2B0122

 2B0122

 FFE3FF

 0E000A

 5A2E4E

 000000

 744566

 8E5E7F

 A87799

 C491B4

 E0ABD0

 FDC7EC

 2B0122

 2B0122

■ 2B0022

■ 2B0523

■ 2B0A24

■ 2B0E25

■ 2B1226

■ 2B1727

■ 2B1B28

■ 2B1F28

■ 2B2329

■ 2B282A

Harmonies

Analogous

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



170B30



2B0122



32000F

Triad

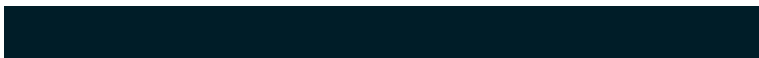
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2B0122



151400



001D28

Complementary

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



2B0122



012B0A

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.



001D17



2B0122



001A00

Square

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



2B0122



250C00



001D00



001A34

Rectangle

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



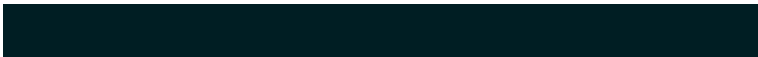
2B0122



320000



001D00



001E23

Sweetspot

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



2B0122



382835



09012B



1C121A



9C9C9C



1C1C1C

Same Dimension

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



2B0122



38002C



2B010E



141214



540042



D400A6

Inverse Universe

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



2B0122



38002C



012B1E



141214



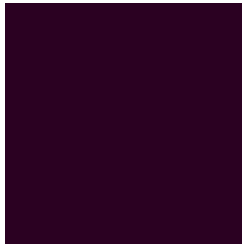
540042



D400A6

Previews

White Background



This preview shows how the Hex color 2B0122 looks on a white background.

Color Contrast Check

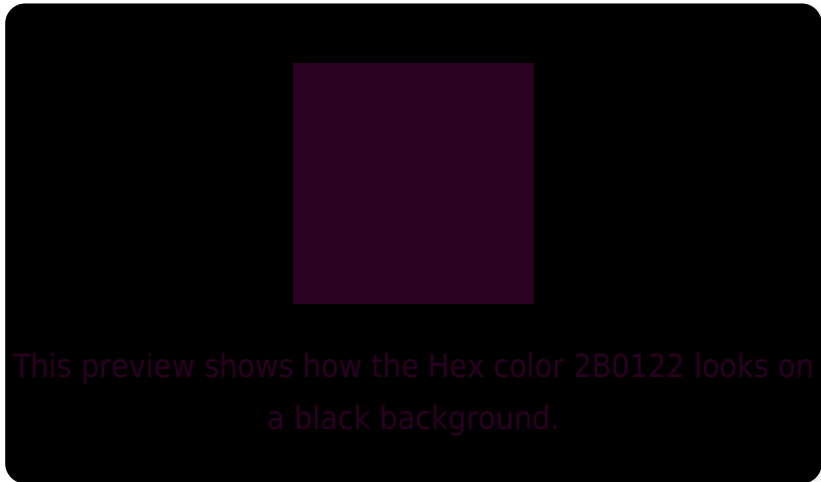
Large Text (above 18pt) WCAG AA ✓ Pass

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

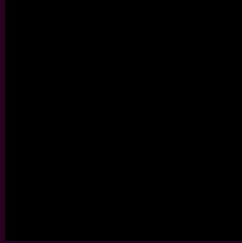
Any Text WCAG AA × Fail

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 2B0122 Background



This preview shows how black text looks on a background with the Hex color 2B0122.



This preview shows how white text looks on a background with the Hex color 2B0122.

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
2B0122

Protanopia
021730

Deuteranopia
151720



Tritanopia
290D0E

Trichromacy



Original Color
2B0122

Protanomaly
110F2B

Deuteranomaly
1D0F21

Tritanomaly
2A0915

Monochromacy



Original Color
2B0122

Achromatopsia
111111

Achromatomaly
1A0B17

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B0122 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 #2B0122 looks like.

```
.text, #text, p{  
    color:#2B0122  
}
```

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 #2B0122 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B0122
}
```

Border

The CSS property to change the border of an element to Hex 2B0122 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
#2B0122 }
```

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

```
.border{ border-color:#2B0122 }
```

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

Here you see how a box with a 4 pixel #2B0122 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B0122; -webkit-box-shadow:4px 4px  
4px 4px #2B0122; box-shadow:4px 4px 4px  
4px #2B0122 }
```

Background

The CSS property to change the background color of an element to Hex 2B0122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B0122 }
```

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

```
.background{ background-color:#2B0122 }
```

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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