

Converting Colors

Hex(2B0714)

Have a look what the booklet for
Hex(2B0714) contains.

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Color

Hex(2B0714)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 2B0714 |
| RGB | 43, 7, 20 |
| RGB Percent | 17%, 3%, 8% |
| CMY | 0.8314, 0.9725, 0.9216 |
| CMYK | 0.00, 0.84, 0.53, 0.83 |
| HSL | 338°, 72%, 10% |
| HSV | 338°, 84%, 17% |
| XYZ | 1.1985, 0.7161, 0.7369 |
| YIQ | 19.2460, 17.2830, 11.6750 |

Conversions

Conversions Part 2

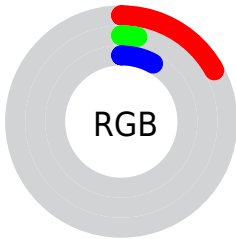
| Format | Color |
|-------------------------------------|--|
| RYB | 43, 7, 20 |
| Decimal | 2819860 |
| CIELab | 6.47, 19.53, 0.61 |
| CIELCh | 6, 19.542, 1.795 |
| Yxy | 0.7161, 0.4520, 0.2701 |
| Android (android.graphics.Color) | 4281009940 (0xFF2B0714) |
| YUV | 19.2460, 0.3717, 20.8323 |
| Hunter-Lab | 8.4620, 10.4731, 0.7605 |

Details

The Hex color **2B0714** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **072B1E**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **5B333E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B0311**, and if you desaturate by 10%, it is **2B0B17**.

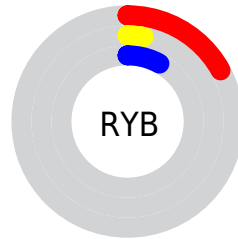
Distribution



Red (17%)

Green (3%)

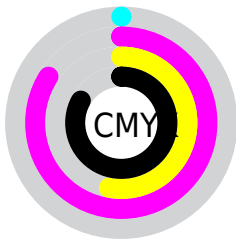
Blue (8%)



Red (17%)

Yellow (3%)

Blue (8%)

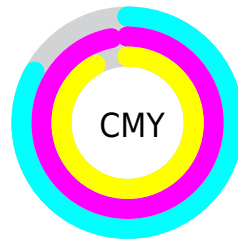


Cyan (0%)

Magenta (84%)

Yellow (53%)

Black (83%)



Cyan (83%)

Magenta (97%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B0714 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 2B0714 by changing the saturation by 10% instead.

 2B0714

 2B0714

 FFE8F4

 0B0000

 5B333E

 000000

 744A55

 8E626E

 A97B87

 C495A1

 E1B0BC

 FECCD8

 2B0714

 2B0714

■ 2B0311

■ 2B0B17

■ 2B0010

■ 2B1019

■ 2B141C

■ 2B181F

■ 2B1D22

■ 2B2124

■ 2B2527

■ 2B292A

■ 2B2E2D

Harmonies

Analogous

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



250A21



2B0714



2C0900

Triad

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



2B0714



0A1800



00192B

Complementary

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



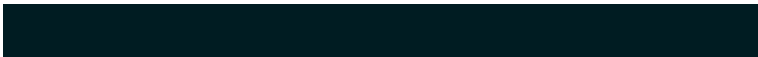
2B0714



072B1E

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.



001C22



2B0714



001B00

Square

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



2B0714



1A1400



001C15



00162E

Rectangle

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



2B0714



280D00



001C15



001A28

Sweetspot

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



2B0714



382A2F



1E072B



1C1417



9C9C9C



1C1C1C

Same Dimension

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



2B0714



380014



2B0C07



141213



54001E



D4004C

Inverse Universe

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



2B0714



380014



07262B



141213



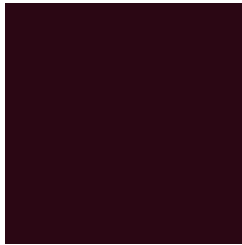
54001E



D4004C

Previews

White Background



This preview shows how the Hex color 2B0714 looks on a white background.

Color Contrast Check

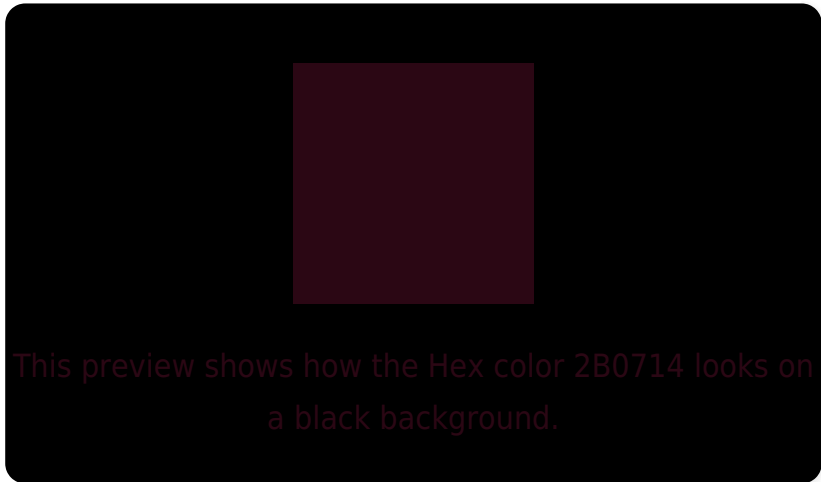
Large Text (above 18pt) WCAG AA ✓ Pass

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

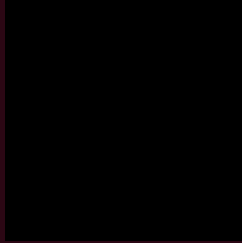
Any Text WCAG AA × Fail

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 2B0714 Background



This preview shows how black text looks on a background with the Hex color 2B0714.

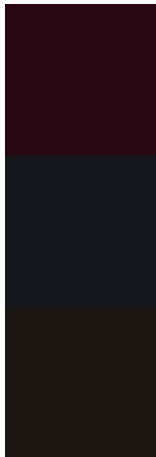


This preview shows how white text looks on a background with the Hex color 2B0714.

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
2B0714

Protanopia
16171C

Deuteranopia
1B1612



Tritanopia
2B0A0A

Trichromacy



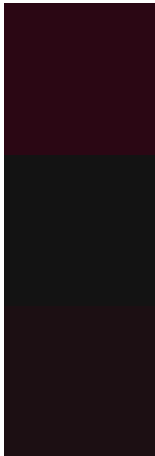
Original Color
2B0714

Protanomaly
1E1119

Deuteranomaly
211113

Tritanomaly
2B090E

Monochromacy



Original Color
2B0714

Achromatopsia
131313

Achromatomaly
1C0F13

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B0714 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 #2B0714 looks like.

```
.text, #text, p{  
    color:#2B0714  
}
```

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 #2B0714 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B0714
}
```

Border

The CSS property to change the border of an element to Hex 2B0714 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".

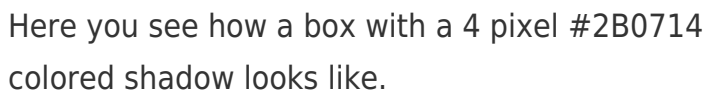
```
.border, #border, table{ border:4px solid
#2B0714 }
```

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

```
.border{ border-color:#2B0714 }
```

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

Here you see how a box with a 4 pixel #2B0714 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B0714; -webkit-box-shadow:4px 4px  
4px 4px #2B0714; box-shadow:4px 4px 4px  
4px #2B0714 }
```

Background

The CSS property to change the background color of an element to Hex 2B0714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B0714 }
```

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

```
.background{ background-color:#2B0714 }
```

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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