

Converting Colors

Hex(2B3116)

Have a look what the booklet for
Hex(2B3116) contains.

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Color

Hex(2B3116)

Conversions

Conversions Part 1

Format	Color
Hex	2B3116
RGB	43, 49, 22
RGB Percent	17%, 19%, 9%
CMY	0.8314, 0.8078, 0.9137
CMYK	0.12, 0.00, 0.55, 0.81
HSL	73°, 38%, 14%
HSV	73°, 55%, 19%
XYZ	2.2394, 2.7681, 1.1753
YIQ	44.1280, 5.0910, -9.6690

Conversions

Conversions Part 2

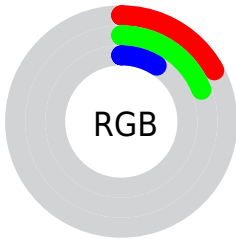
Format	Color
R_{YB}	22, 49, 28
Decimal	2830614
CIE Lab	19.09, -7.91, 16.30
CIE LCh	19, 18.118, 115.891
Yxy	2.7681, 0.3622, 0.4477
Android (android.graphics.Color)	4281020694 (0xFF2B3116)
YUV	44.1280, -10.9091, -0.9893
Hunter-Lab	16.6377, -5.0905, 7.4580

Details

The Hex color **2B3116** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1C1631**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **595F41**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A3111**, and if you desaturate by 10%, it is **2C311B**.

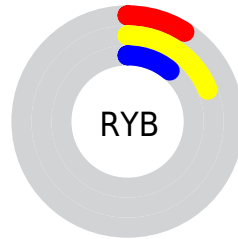
Distribution



Red (17%)

Green (19%)

Blue (9%)



Red (9%)

Yellow (19%)

Blue (11%)

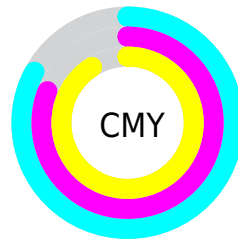


Cyan (12%)

Magenta (0%)

Yellow (55%)

Black (81%)



Cyan (83%)

Magenta (81%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B3116 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 2B3116 by changing the saturation by 10% instead.

 2B3116

 2B3116

 FFFFF9

 181C00

 595F41

 000000

 727859

 8C9171

 A6AC8B

 C1C7A5

 DDE3C1

 FAFFDC

 2B3116

 2B3116

■ 2A3111

■ 2C311B

■ 29310C

■ 2D3120

■ 283107

■ 2E3125

■ 273102

■ 2F312A

■ 263100

■ 30312F

■ 323133

■ 333138

■ 34313D

■ 353142

Harmonies

Analogous

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



382D14



2B3116



1B341F

Triad

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



2B3116



003344



462431

Complementary

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



2B3116



1C1631

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.



3D273D



2B3116



153048

Square

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



2B3116



003539



2D2C46



472524

Rectangle

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



2B3116



0E3527



2D2C46



442435

Sweetspot

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



2B3116



3D4035



311C16



20211B



A1A1A1



212121

Same Dimension

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



2B3116



364016



1E3116



191A17



455900



A9D900

Inverse Universe

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



1C1631



1F1640



291631



18171A



140059



3000D9

Previews

White Background



This preview shows how the Hex color 2B3116 looks on a white background.

Color Contrast Check

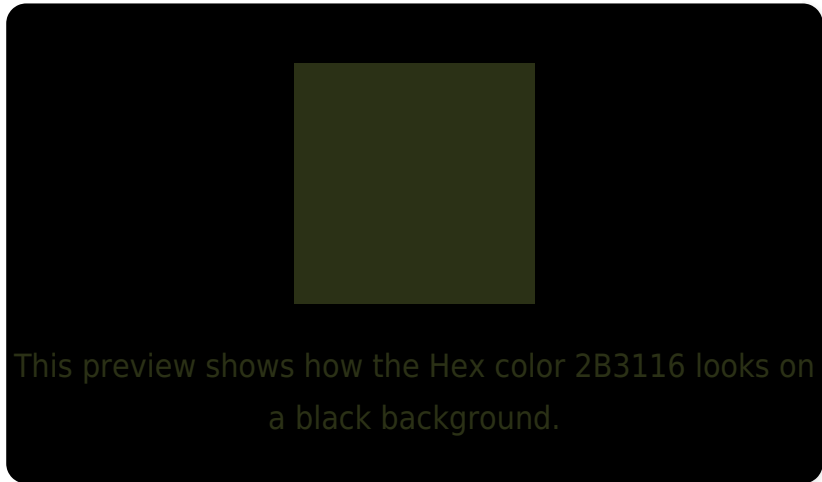
Large Text (above 18pt) WCAG AA ✓ Pass

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

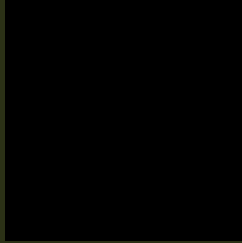
Any Text WCAG AA × Fail

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 2B3116 Background



This preview shows how black text looks on a background with the Hex color 2B3116.

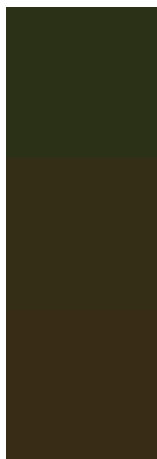


This preview shows how white text looks on a background with the Hex color 2B3116.

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
2B3116

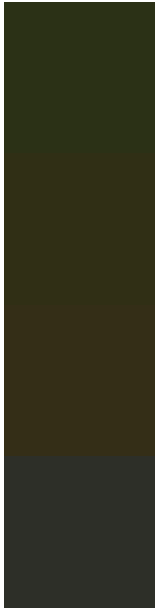
Protanopia
332E15

Deuteranopia
392C17



Tritanopia
2E2E32

Trichromacy



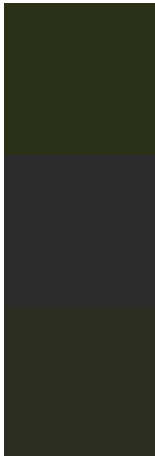
Original Color
2B3116

Protanomaly
302F15

Deuteranomaly
342E17

Tritanomaly
2D2F28

Monochromacy



Original Color
2B3116

Achromatopsia
2C2C2C

Achromatomaly
2C2E24

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B3116 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 #2B3116 looks like.

```
.text, #text, p{  
    color:#2B3116  
}
```

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 #2B3116 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B3116
}
```

Border

The CSS property to change the border of an element to Hex 2B3116 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
#2B3116 }
```

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

```
.border{ border-color:#2B3116 }
```

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

Here you see how a box with a 4 pixel #2B3116 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B3116; -webkit-box-shadow:4px 4px  
4px 4px #2B3116; box-shadow:4px 4px 4px  
4px #2B3116 }
```

Background

The CSS property to change the background color of an element to Hex 2B3116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B3116 }
```

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

```
.background{ background-color:#2B3116 }
```

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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