

Converting Colors

Hex(2C3119)

Have a look what the booklet for
Hex(2C3119) contains.

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Color

Hex(2C3119)

Conversions

Conversions Part 1

Format	Color
Hex	2C3119
RGB	44, 49, 25
RGB Percent	17%, 19%, 10%
CMY	0.8275, 0.8078, 0.9020
CMYK	0.10, 0.00, 0.49, 0.81
HSL	73°, 32%, 15%
HSV	73°, 49%, 19%
XYZ	2.3125, 2.8023, 1.3387
YIQ	44.7690, 4.7240, -8.5240

Conversions

Conversions Part 2

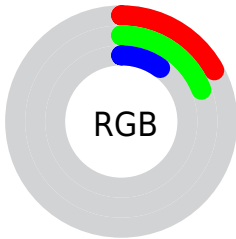
Format	Color
R_{YB}	25, 49, 30
Decimal	2896153
CIE Lab	19.23, -6.99, 14.59
CIE LCh	19, 16.175, 115.596
Yxy	2.8023, 0.3583, 0.4342
Android (android.graphics.Color)	4281086233 (0xFF2C3119)
YUV	44.7690, -9.7461, -0.6744
Hunter-Lab	16.7400, -4.6369, 6.9765

Details

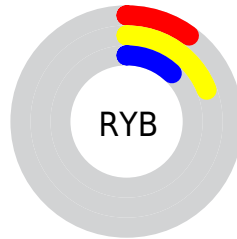
The Hex color **2C3119** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1E1931**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **5A5F44**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B3114**, and if you desaturate by 10%, it is **2D311E**.

Distribution



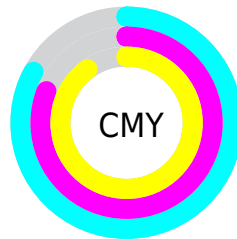
- Red (17%)
- Green (19%)
- Blue (10%)



- Red (10%)
- Yellow (19%)
- Blue (12%)



- Cyan (10%)
- Magenta (0%)
- Yellow (49%)
- Black (81%)



- Cyan (83%)
- Magenta (81%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C3119 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 2C3119 by changing the saturation by 10% instead.

■ 2C3119

■ 2C3119

FFFFFFD

■ 191C00

■ 5A5F44

■ 000000

■ 73785C

■ 8C9175

■ A7AC8E

■ C2C7A9

■ DEE3C4

■ FBFEE0

■ 2C3119

■ 2C3119

■ 2B3114

■ 2D311E

■ 2A310F

■ 2E3123

■ 29310A

■ 2F3128

■ 283105

■ 30312D

■ 273100

■ 313132

■ 323136

■ 33313B

■ 343140

■ 353145

Harmonies

Analogous

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



382D17



2C3119



1E3421

Triad

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



2C3119



033342



442631

Complementary

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



2C3119



1E1931

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.



3C283C



2C3119



1A3046

Square

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



2C3119



003538



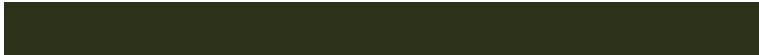
2D2C44



452625

Rectangle

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



2C3119



143528



2D2C44



422635

Sweetspot

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



2C3119



3E4036



311E19



20211B



A1A1A1



212121

Same Dimension

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



2C3119



38401A



203119



191A17



475900



ACD900

Inverse Universe

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



1E1931



221A40



2A1931



17171A



130059



2D00D9

Previews

White Background



This preview shows how the Hex color 2C3119 looks on a white background.

Color Contrast Check

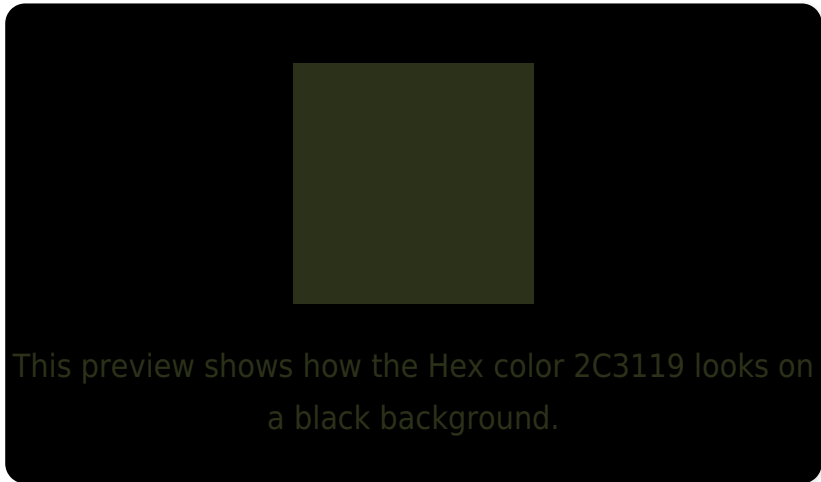
Large Text (above 18pt) WCAG AA ✓ Pass

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

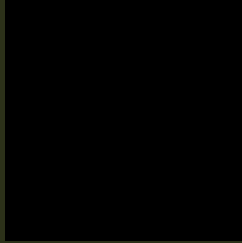
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

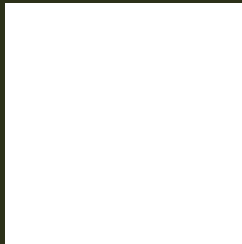
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2C3119 Background



This preview shows how black text looks on a background with the Hex color 2C3119.

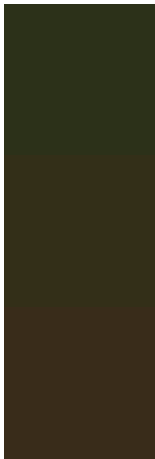


This preview shows how white text looks on a background with the Hex color 2C3119.

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
2C3119

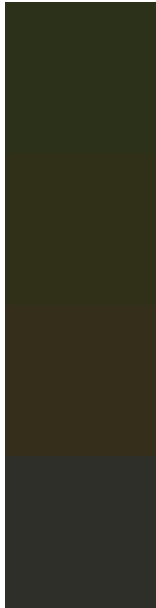
Protanopia
332F18

Deuteranopia
392C1A



Tritanopia
2F2E32

Trichromacy



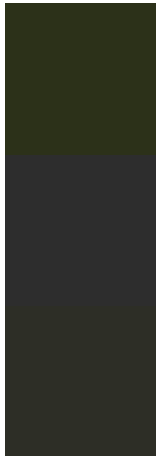
Original Color
2C3119

Protanomaly
303018

Deuteranomaly
342E1A

Tritanomaly
2E2F29

Monochromacy



Original Color
2C3119

Achromatopsia
2D2D2D

Achromatomaly
2D2E26

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C3119 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 #2C3119 looks like.

```
.text, #text, p{  
    color:#2C3119  
}
```

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 #2C3119 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C3119
}
```

Border

The CSS property to change the border of an element to Hex 2C3119 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
#2C3119 }
```

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

```
.border{ border-color:#2C3119 }
```

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

Here you see how a box with a 4 pixel #2C3119 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C3119; -webkit-box-shadow:4px 4px  
4px 4px #2C3119; box-shadow:4px 4px 4px  
4px #2C3119 }
```

Background

The CSS property to change the background color of an element to Hex 2C3119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C3119 }
```

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

```
.background{ background-color:#2C3119 }
```

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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