

Converting Colors

Hex(2C1707)

Have a look what the booklet for
Hex(2C1707) contains.

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Color

Hex(2C1707)

Conversions

Conversions Part 1

Format	Color
Hex	2C1707
RGB	44, 23, 7
RGB Percent	17%, 9%, 3%
CMY	0.8275, 0.9098, 0.9725
CMYK	0.00, 0.48, 0.84, 0.83
HSL	26°, 73%, 10%
HSV	26°, 84%, 17%
XYZ	1.3835, 1.1636, 0.3527
YIQ	27.4550, 17.6520, -0.5240

Conversions

Conversions Part 2

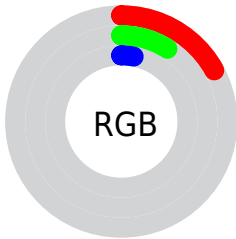
Format	Color
RYB	44, 35, 7
Decimal	2889479
CIELab	10.29, 8.78, 12.69
CIElCh	10, 15.430, 55.327
Yxy	1.1636, 0.4771, 0.4013
Android (android.graphics.Color)	4281079559 (0xFF2C1707)
YUV	27.4550, -10.0843, 14.5100
Hunter-Lab	10.7871, 4.0155, 5.6124

Details

The Hex color **2C1707** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **071C2C**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **5B4234**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C1503**, and if you desaturate by 10%, it is **2C190B**.

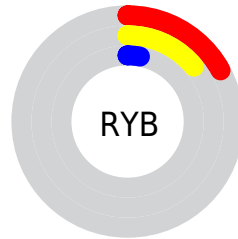
Distribution



Red (17%)

Green (9%)

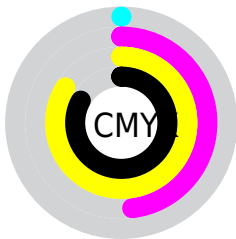
Blue (3%)



Red (17%)

Yellow (14%)

Blue (3%)

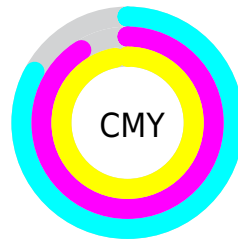


Cyan (0%)

Magenta (48%)

Yellow (84%)

Black (83%)



Cyan (83%)

Magenta (91%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C1707 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 2C1707 by changing the saturation by 10% instead.

 2C1707

 2C1707

 FFF9E8

 150000

 5B4234

 000000

 74594B

 8E7263

 A98B7B

 C5A695

 E1C1B0

 FEDDCB

 2C1707

 2C1707

■ 2C1503

■ 2C190B

■ 2C1300

■ 2C1C10

■ 2C1E14

■ 2C2119

■ 2C231D

■ 2C2621

■ 2C2826

■ 2C2B2A

■ 2C2D2F

Harmonies

Analogous

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



301413



2C1707



251B00

Triad

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



2C1707



00211A



1A1A2F

Complementary

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



2C1707



071C2C

Split Complementary

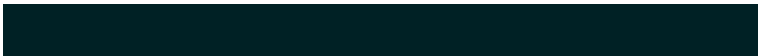
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



051E31



2C1707



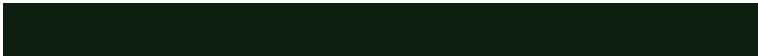
002125

Square

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



2C1707



0D200F



00202D



271628

Rectangle

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



2C1707



1E1D01



00202D



141B30

Sweetspot

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



2C1707



38302A



2C071D



1C1714



9C9C9C



1C1C1C

Same Dimension

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



2C1707



381800



2C2907



171615



572500



D65D00

Inverse Universe

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



071C2C



002038



070A2C



151617



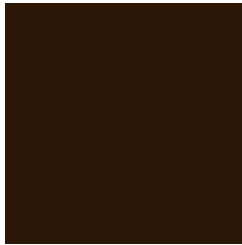
003157



007AD6

Previews

White Background



This preview shows how the Hex color 2C1707 looks on a white background.

Color Contrast Check

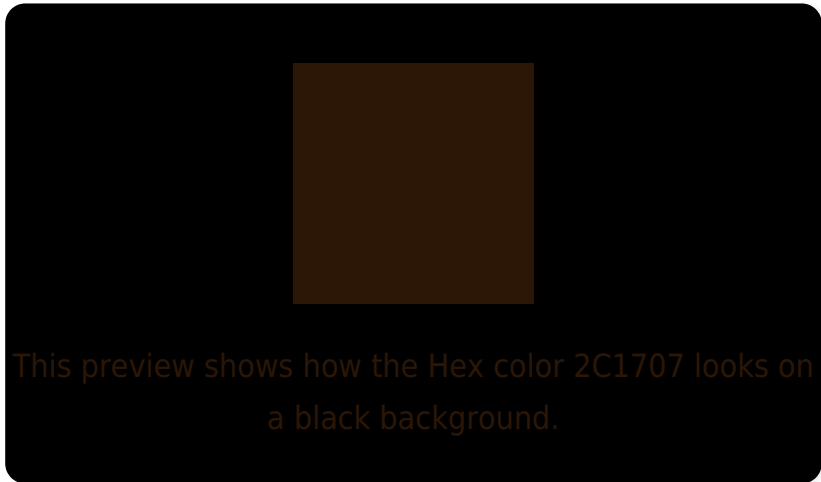
Large Text (above 18pt) WCAG AA ✓ Pass

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

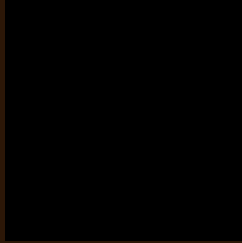
Any Text WCAG AA × Fail

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 2C1707 Background



This preview shows how black text looks on a background with the Hex color 2C1707.

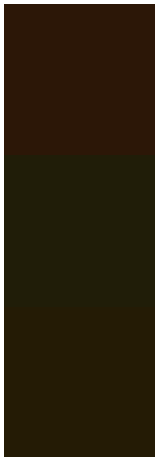


This preview shows how white text looks on a background with the Hex color 2C1707.

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](#).

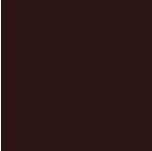
Dichromacy



Original Color
2C1707

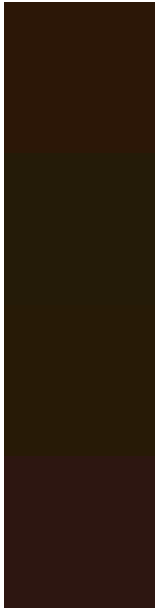
Protanopia
201D08

Deuteranopia
241B05



Tritanopia
2D1517

Trichromacy



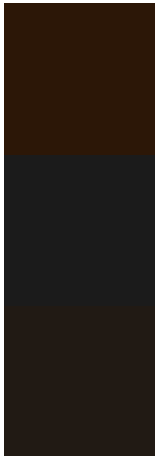
Original Color
2C1707

Protanomaly
241B08

Deuteranomaly
271A06

Tritanomaly
2D1611

Monochromacy



Original Color
2C1707

Achromatopsia
1B1B1B

Achromatomaly
211A14

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C1707 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 #2C1707 looks like.

```
.text, #text, p{  
    color:#2C1707  
}
```

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 #2C1707 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C1707
}
```

Border

The CSS property to change the border of an element to Hex 2C1707 is called "border". The border property can be set on classes, ids or directly on the HTML element.

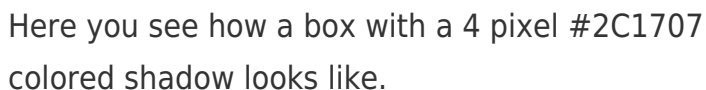
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C1707 }
```

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

```
.border{ border-color:#2C1707 }
```

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



Here you see how a box with a 4 pixel #2C1707 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C1707; -webkit-box-shadow:4px 4px  
4px 4px #2C1707; box-shadow:4px 4px 4px  
4px #2C1707 }
```

Background

The CSS property to change the background color of an element to Hex 2C1707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C1707 }
```

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

```
.background{ background-color:#2C1707 }
```

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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