

Converting Colors

Hex(2B220F)

Have a look what the booklet for
Hex(2B220F) contains.

Hex(2B220F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2B220F)

Conversions

Conversions Part 1

Format	Color
Hex	2B220F
RGB	43, 34, 15
RGB Percent	17%, 13%, 6%
CMY	0.8314, 0.8667, 0.9412
CMYK	0.00, 0.21, 0.65, 0.83
HSL	41°, 48%, 11%
HSV	41°, 65%, 17%
XYZ	1.6545, 1.6921, 0.6913
YIQ	34.5250, 11.4630, -4.0010

Conversions

Conversions Part 2

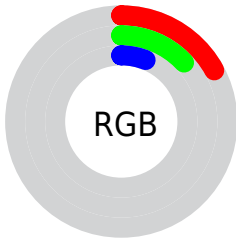
Format	Color
R_{YB}	28, 43, 15
Decimal	2826767
CIE _{Lab}	13.78, 1.22, 13.87
CIE _{LCh}	14, 13.925, 84.985
Yxy	1.6921, 0.4097, 0.4191
Android (android.graphics.Color)	4281016847 (0xFF2B220F)
YUV	34.5250, -9.6258, 7.4326
Hunter-Lab	13.0082, -0.0610, 5.9547

Details

The Hex color **2B220F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **0F182B**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **594E3A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B210B**, and if you desaturate by 10%, it is **2B2313**.

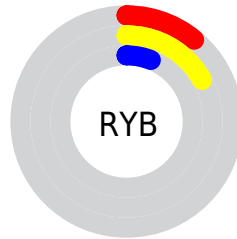
Distribution



Red (17%)

Green (13%)

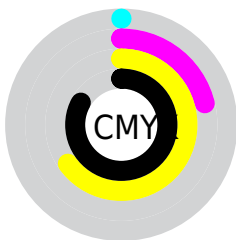
Blue (6%)



Red (11%)

Yellow (17%)

Blue (6%)

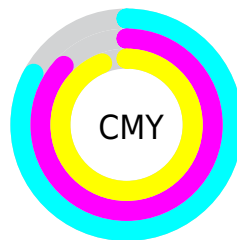


Cyan (0%)

Magenta (21%)

Yellow (65%)

Black (83%)



Cyan (83%)

Magenta (87%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B220F 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 2B220F by changing the saturation by 10% instead.

■ 2B220F

■ 2B220F

■ FFFFEF

■ 150C00

■ 594E3A

■ 000000

■ 726651

■ 8C7F69

■ A79982

■ C2B49C

■ DECFB7

■ FBEBD3

■ 2B220F

■ 2B220F

■ 2B210B

■ 2B2313

■ 2B1F06

■ 2B2518

■ 2B1E02

■ 2B261C

■ 2B1D00

■ 2B2820

■ 2B2925

■ 2B2A29

■ 2B2C2D

■ 2B2D31

■ 2B2E36

Harmonies

Analogous

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



321F14



2B220F



212511

Triad

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



2B220F



00282B



2E1E2E

Complementary

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



2B220F



0F182B

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.



222135



2B220F



012733

Square

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



2B220F



082821



112536



351C25

Rectangle

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



2B220F



1A2715



112536



2A1F31

Sweetspot

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



2B220F



38342D



2B0F18



1C1A15



9C9C9C



1C1C1C

Same Dimension

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



2B220F



382A0C



262B0F



141412



543900



D49000

Inverse Universe

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



0F182B



0C1A38



140F2B



121314



001B54



0044D4

Previews

White Background



This preview shows how the Hex color 2B220F looks on a white background.

Color Contrast Check

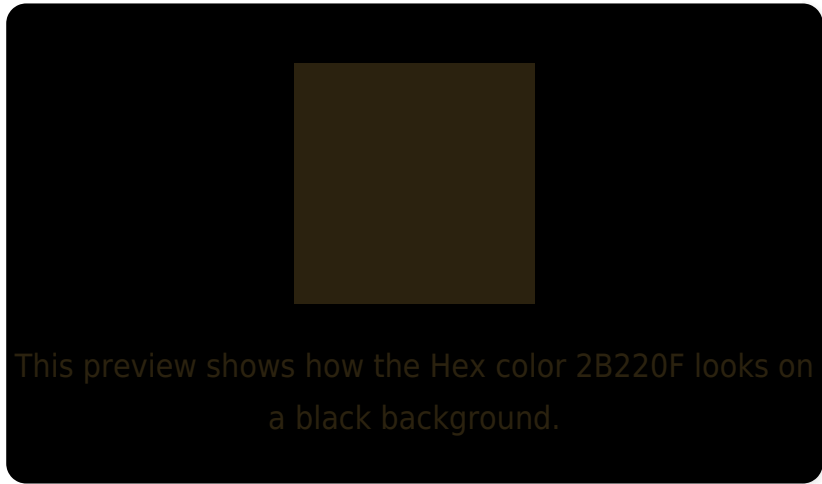
Large Text (above 18pt) WCAG AA ✓ Pass

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 2B220F Background



This preview shows how black text looks on a background with the Hex color 2B220F.

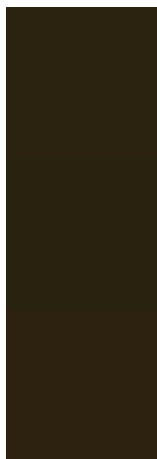


This preview shows how white text looks on a background with the Hex color 2B220F.

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

2B220F

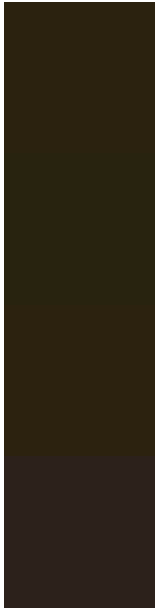
Protanopia

27230F

Deuteranopia

2C220F

Trichromacy



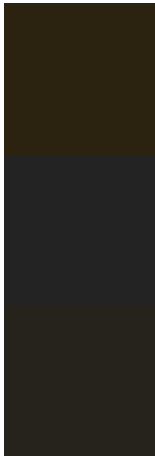
Original Color
2B220F

Protanomaly
28230F

Deuteranomaly
2C220F

Tritanomaly
2C211B

Monochromacy



Original Color
2B220F

Achromatopsia
232323

Achromatomaly
26231C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B220F 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 #2B220F looks like.

```
.text, #text, p{  
    color:#2B220F  
}
```

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 #2B220F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B220F  
}
```

Border

The CSS property to change the border of an element to Hex 2B220F is called "border". The border property can be set on classes, ids or directly on the HTML element.

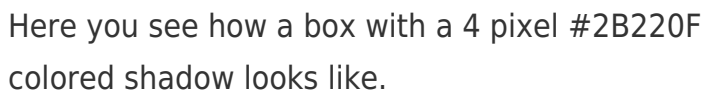
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#2B220F }
```

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

```
.border{ border-color:#2B220F }
```

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



Here you see how a box with a 4 pixel #2B220F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B220F; -webkit-box-shadow:4px 4px  
4px 4px #2B220F; box-shadow:4px 4px 4px  
4px #2B220F }
```

Background

The CSS property to change the background color of an element to Hex 2B220F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B220F }
```

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

```
.background{ background-color:#2B220F }
```

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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