

Converting Colors

Hex(2A230F)

Have a look what the booklet for
Hex(2A230F) contains.

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Color

Hex(2A230F)

Conversions

Conversions Part 1

Format	Color
Hex	2A230F
RGB	42, 35, 15
RGB Percent	16%, 14%, 6%
CMY	0.8353, 0.8627, 0.9412
CMYK	0.00, 0.17, 0.64, 0.84
HSL	44°, 47%, 11%
HSV	44°, 64%, 16%
XYZ	1.6421, 1.7288, 0.6991
YIQ	34.8130, 10.5920, -4.7360

Conversions

Conversions Part 2

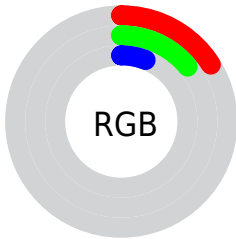
Format	Color
R_{YB}	24, 42, 15
Decimal	2761487
CIE _{Lab}	13.99, -0.03, 14.13
CIE _{LCh}	14, 14.129, 90.113
Yxy	1.7288, 0.4035, 0.4248
Android (android.graphics.Color)	4280951567 (0xFF2A230F)
YUV	34.8130, -9.7678, 6.3030
Hunter-Lab	13.1484, -0.7167, 6.0515

Details

The Hex color **2A230F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **0F162A**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **584F3A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A220B**, and if you desaturate by 10%, it is **2A2413**.

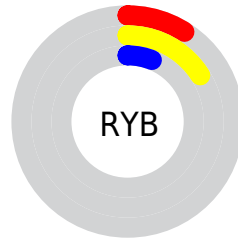
Distribution



Red (16%)

Green (14%)

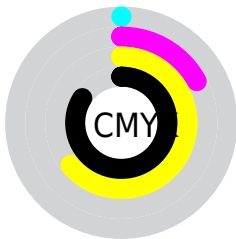
Blue (6%)



Red (9%)

Yellow (16%)

Blue (6%)

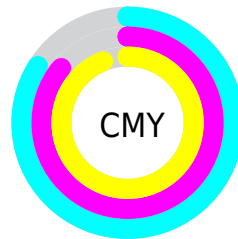


Cyan (0%)

Magenta (17%)

Yellow (64%)

Black (84%)



Cyan (84%)

Magenta (86%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A230F 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 2A230F by changing the saturation by 10% instead.

■ 2A230F

■ 2A230F

■ FFFFEF

■ 140E00

■ 584F3A

■ 000000

■ 716751

■ 8B8069

■ A59A82

■ C0B59C

■ DCD0B7

■ F9EDD3

■ 2A230F

■ 2A230F

■ 2A220B

■ 2A2413

■ 2A2107

■ 2A2517

■ 2A2002

■ 2A261C

■ 2A1F00

■ 2A2720

■ 2A2824

■ 2A2A28

■ 2A2B2C

■ 2A2C31

■ 2A2D35

Harmonies

Analogous

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



322013



2A230F



202612

Triad

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



2A230F



00292D



301E2E

Complementary

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



2A230F



0F162A

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.



252135



2A230F



022734

Square

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



2A230F



052923



152537



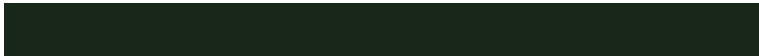
361C24

Rectangle

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



2A230F



182717



152537



2D1F30

Sweetspot

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



2A230F



36332B



2A0F16



1C1A16



9C9C9C



1C1C1C

Same Dimension

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



2A230F



362B0C



242A0F



141412



543E00



D49D00

Inverse Universe

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



0F162A



0C1736



150F2A



121314



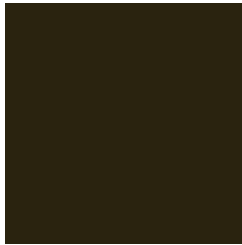
001654



0037D4

Previews

White Background



This preview shows how the Hex color 2A230F looks on a white background.

Color Contrast Check

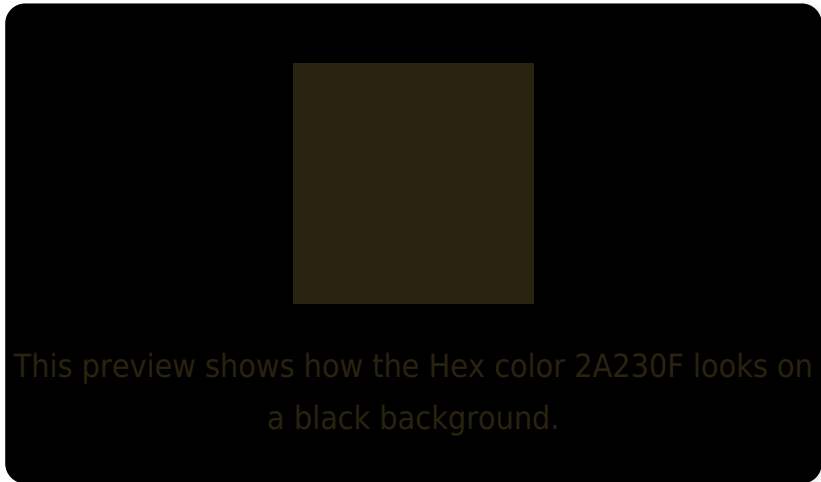
Large Text (above 18pt) WCAG AA ✓ Pass

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

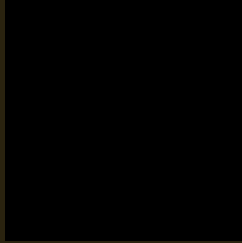
Any Text WCAG AA × Fail

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 2A230F Background



This preview shows how black text looks on a background with the Hex color 2A230F.

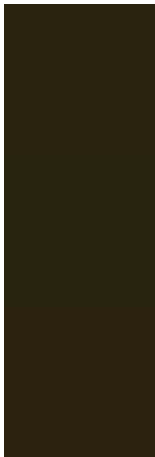


This preview shows how white text looks on a background with the Hex color 2A230F.

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

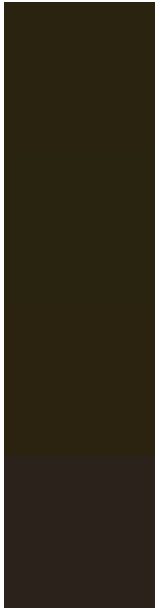


Original Color
2A230F

Protanopia
28240F

Deuteranopia
2C220F

Trichromacy



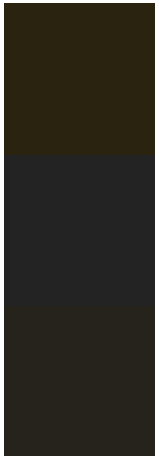
Original Color
2A230F

Protanomaly
29240F

Deuteranomaly
2B220F

Tritanomaly
2B221C

Monochromacy



Original Color
2A230F

Achromatopsia
232323

Achromatomaly
26231C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A230F 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 #2A230F looks like.

```
.text, #text, p{  
    color:#2A230F  
}
```

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 #2A230F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A230F
}
```

Border

The CSS property to change the border of an element to Hex 2A230F is called "border". The border property can be set on classes, ids or directly on the HTML element.

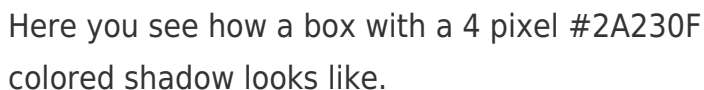
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A230F }
```

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

```
.border{ border-color:#2A230F }
```

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



Here you see how a box with a 4 pixel #2A230F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A230F; -webkit-box-shadow:4px 4px  
4px 4px #2A230F; box-shadow:4px 4px 4px  
4px #2A230F }
```

Background

The CSS property to change the background color of an element to Hex 2A230F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A230F }
```

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

```
.background{ background-color:#2A230F }
```

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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