

Converting Colors

Hex(2A3211)

Have a look what the booklet for
Hex(2A3211) contains.

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Color

Hex(2A3211)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 2A3211 |
| RGB | 42, 50, 17 |
| RGB Percent | 16%, 20%, 7% |
| CMY | 0.8353, 0.8039, 0.9333 |
| CMYK | 0.16, 0.00, 0.66, 0.80 |
| HSL | 75°, 49%, 13% |
| HSV | 75°, 66%, 20% |
| XYZ | 2.1966, 2.8139, 0.9577 |
| YIQ | 43.8460, 5.8250, -11.9590 |

Conversions

Conversions Part 2

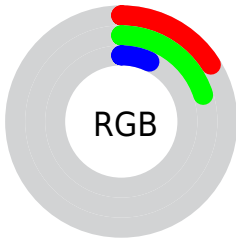
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 17, 50, 25 |
| Decimal | 2765329 |
| CIE Lab | 19.28, -9.66, 19.55 |
| CIE LCh | 19, 21.804, 116.295 |
| Yxy | 2.8139, 0.3681, 0.4715 |
| Android (android.graphics.Color) | 4280955409 (0xFF2A3211) |
| YUV | 43.8460, -13.2351, -1.6189 |
| Hunter-Lab | 16.7747, -5.9815, 8.3574 |

Details

The Hex color **2A3211** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **191132**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **58603C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **29320C**, and if you desaturate by 10%, it is **2B3216**.

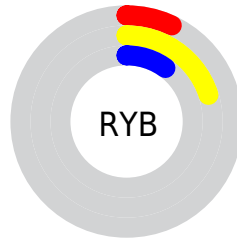
Distribution



Red (16%)

Green (20%)

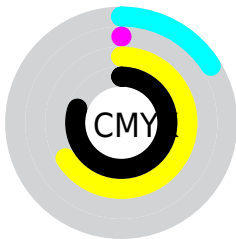
Blue (7%)



Red (7%)

Yellow (20%)

Blue (10%)

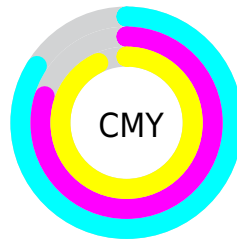


Cyan (16%)

Magenta (0%)

Yellow (66%)

Black (80%)



Cyan (84%)

Magenta (80%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Hex color 2A3211 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 2A3211 by changing the saturation by 10% instead.

 2A3211


 2A3211

 FFFFF3

 161D00

 58603C

 000000

 717954

 8B936C

 A5AD86

 C1C9A0

 DDE5BB

 F9FFD7

 2A3211

 2A3211

■ 29320C

■ 2B3216

■ 283207

■ 2C321B

■ 263202

■ 2E3220

■ 263200

■ 2F3225

■ 30322A

■ 31322F

■ 323234

■ 343239

■ 35323E

Harmonies

Analogous

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



3A2D0E



2A3211



16351C

Triad

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



2A3211



003549



4B2131

Complementary

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



2A3211



191132

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.



402541



2A3211



09314E

Square

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



2A3211



00373C



2D2B4B



4C2222

Rectangle

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



2A3211



013627



2D2B4B



482237

Sweetspot

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



2A3211



3D4033



321911



1F2119



A1A1A1



212121

Same Dimension

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



2A3211



34400D



1A3211



191A17



445900



A4D900

Inverse Universe

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



191132



1A0D40



291132



18171A



160059



3500D9

Previews

White Background



This preview shows how the Hex color 2A3211 looks on a white background.

Color Contrast Check

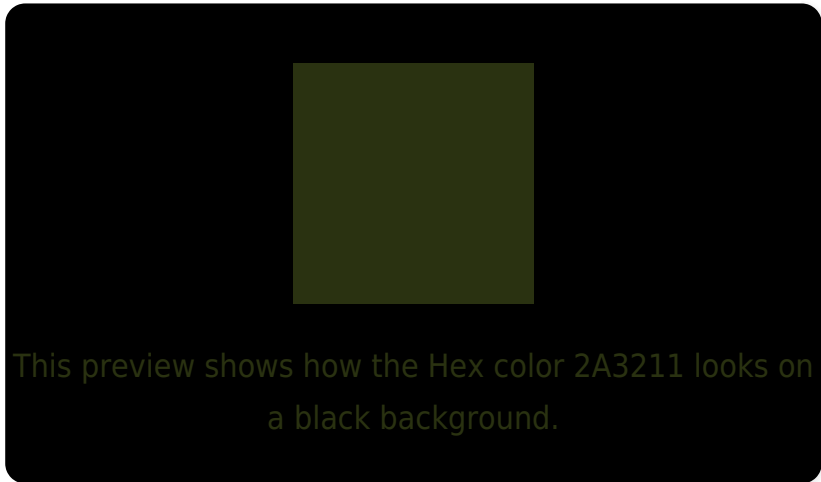
Large Text (above 18pt) WCAG AA ✓ Pass

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

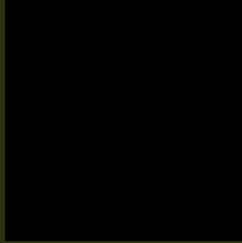
Any Text WCAG AA × Fail

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 2A3211 Background



This preview shows how black text looks on a background with the Hex color 2A3211.



This preview shows how white text looks on a background with the Hex color 2A3211.

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
2A3211

Protanopia
342F10

Deuteranopia
3A2C13



Tritanopia
2E2F32

Trichromacy



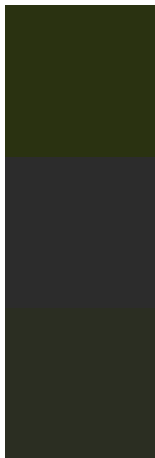
Original Color
2A3211

Protanomaly
303010

Deuteranomaly
342E12

Tritanomaly
2D3026

Monochromacy



Original Color
2A3211

Achromatopsia
2C2C2C

Achromatomaly
2B2E22

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A3211 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 #2A3211 looks like.

```
.text, #text, p{  
    color:#2A3211  
}
```

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 #2A3211 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A3211
}
```

Border

The CSS property to change the border of an element to Hex 2A3211 is called "border". The border property can be set on classes, ids or directly on the HTML element.

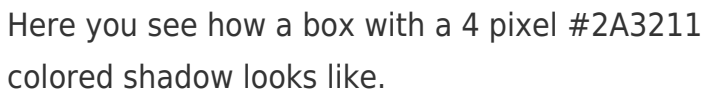
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A3211 }
```

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

```
.border{ border-color:#2A3211 }
```

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



Here you see how a box with a 4 pixel #2A3211 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A3211; -webkit-box-shadow:4px 4px  
4px 4px #2A3211; box-shadow:4px 4px 4px  
4px #2A3211 }
```

Background

The CSS property to change the background color of an element to Hex 2A3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A3211 }
```

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

```
.background{ background-color:#2A3211 }
```

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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