

# Converting Colors

Hex(2C2E11)

Have a look what the booklet for  
Hex(2C2E11) contains.

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# Color

**Hex(2C2E11)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2C2E11
RGB	44, 46, 17
RGB Percent	17%, 18%, 7%
CMY	0.8275, 0.8196, 0.9333
CMYK	0.04, 0.00, 0.63, 0.82
HSL	64°, 46%, 12%
HSV	64°, 63%, 18%
XYZ	2.1169, 2.5299, 0.9071
YIQ	42.0960, 8.1170, -9.4430

# Conversions

## Conversions Part 2

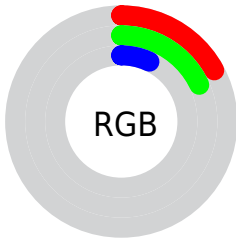
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	17, 46, 19
Decimal	2895377
CIE Lab	18.05, -6.11, 18.15
CIE LCh	18, 19.152, 108.590
Yxy	2.5299, 0.3812, 0.4555
Android (android.graphics.Color)	4281085457 (0xFF2C2E11)
YUV	42.0960, -12.3723, 1.6698
Hunter-Lab	15.9058, -4.0787, 7.7529

# Details

The Hex color **2C2E11** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **13112E**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **5B5C3C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C2E0C**, and if you desaturate by 10%, it is **2C2E16**.

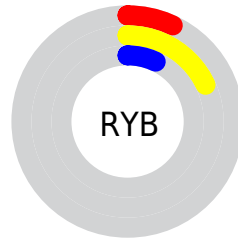
# Distribution



Red (17%)

Green (18%)

Blue (7%)



Red (7%)

Yellow (18%)

Blue (7%)

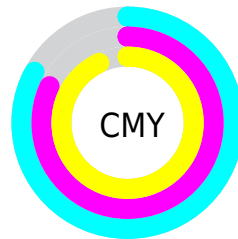


Cyan (4%)

Magenta (0%)

Yellow (63%)

Black (82%)



Cyan (83%)

Magenta (82%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C2E11 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 2C2E11 by changing the saturation by 10% instead.



 2C2E11

 2C2E11

 FFFFF2

 181900

 5B5C3C

 000000

 737453

 8D8E6C

 A8A885

 C3C39F

 DFDFA

 FCFC6

 2C2E11

 2C2E11

■ 2C2E0C

■ 2C2E16

■ 2B2E08

■ 2D2E1A

■ 2B2E03

■ 2D2E1F

■ 2B2E00

■ 2D2E23

■ 2E2E28

■ 2E2E2D

■ 2E2E31

■ 2F2E36

■ 2F2E3A

# Harmonies

## Analogous

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



392A11



2C2E11



1C3119

# Triad

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



2C2E11



003240



432132

# Complementary

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



2C2E11



13112E

# 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.



38253E



2C2E11



052F47

# Square

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



2C2E11



003334



252B46



462124

# Rectangle

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



2C2E11



0E3222



252B46



402236



# Sweetspot

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



2C2E11



3A3B30



2E1311



1E1F18



9E9E9E



1F1F1F



# Same Dimension

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



2C2E11



383B0E



1E2E11



171715



515700



C7D600



# Inverse Universe

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



13112E



110E3B



21112E



151517



060057



0F00D6



# Previews

## White Background



This preview shows how the Hex color 2C2E11 looks on a white background.

## Color Contrast Check

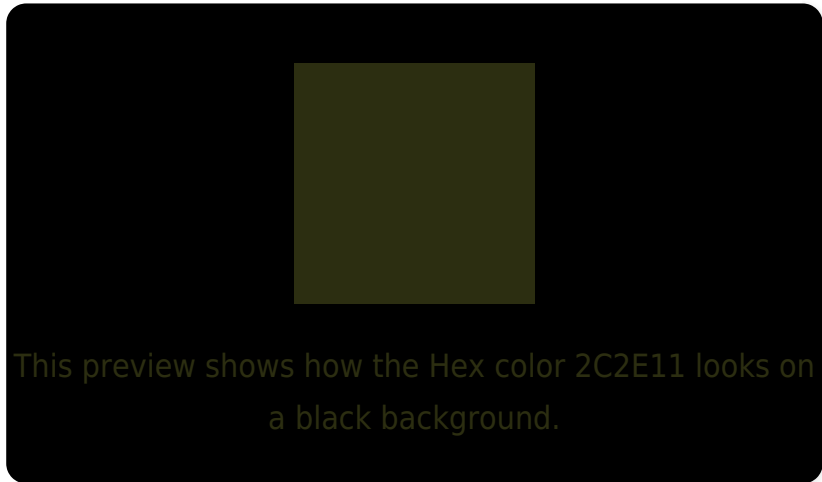
Large Text (above 18pt) WCAG AA ✓ Pass

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

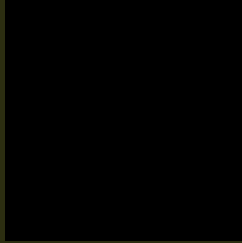
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

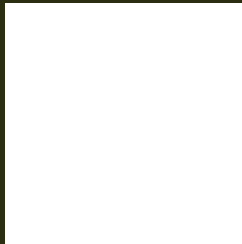
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2C2E11 Background



This preview shows how black text looks on a background with the Hex color 2C2E11.



This preview shows how white text looks on a background with the Hex color 2C2E11.

# 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**  
2C2E11

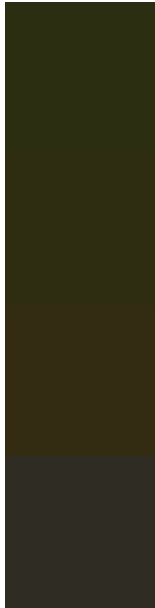
**Protanopia**  
312C11

**Deuteranopia**  
372A12



**Tritanopia**  
2F2B2E

# Trichromacy



**Original Color**  
2C2E11

**Protanomaly**  
2F2D11

**Deuteranomaly**  
332B12

**Tritanomaly**  
2E2C23

# Monochromacy



**Original Color**  
2C2E11

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
2B2B21

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C2E11 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 #2C2E11 looks like.

```
.text, #text, p{  
    color:#2C2E11  
}
```

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 #2C2E11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C2E11
}
```

## Border

The CSS property to change the border of an element to Hex 2C2E11 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
#2C2E11 }
```

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

```
.border{ border-color:#2C2E11 }
```

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

Here you see how a box with a 4 pixel #2C2E11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C2E11; -webkit-box-shadow:4px 4px  
4px 4px #2C2E11; box-shadow:4px 4px 4px  
4px #2C2E11 }
```

# Background

The CSS property to change the background color of an element to Hex 2C2E11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C2E11 }
```

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

```
.background{ background-color:#2C2E11 }
```

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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