

Converting Colors

Hex(2C3C11)

Have a look what the booklet for
Hex(2C3C11) contains.

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Color

Hex(2C3C11)

Conversions

Conversions Part 1

Format	Color
Hex	2C3C11
RGB	44, 60, 17
RGB Percent	17%, 24%, 7%
CMY	0.8275, 0.7647, 0.9333
CMYK	0.27, 0.00, 0.72, 0.76
HSL	82°, 56%, 15%
HSV	82°, 72%, 24%
XYZ	2.7557, 3.8077, 1.1200
YIQ	50.3140, 4.2670, -16.7650

Conversions

Conversions Part 2

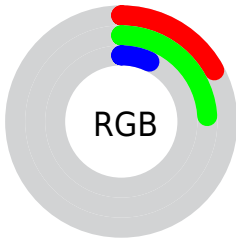
Format	Color
RYB	17, 60, 33
Decimal	2898961
CIELab	23.03, -14.61, 23.79
CIELCh	23, 27.915, 121.552
Yxy	3.8077, 0.3587, 0.4956
Android (android.graphics.Color)	4281089041 (0xFF2C3C11)
YUV	50.3140, -16.4238, -5.5374
Hunter-Lab	19.5132, -8.9396, 10.2561

Details

The Hex color **2C3C11** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **21113C**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **5B6B3D**, and **001300** is the 20% darker color. If you saturate the color by 10%, you get **2A3C0B**, and if you desaturate by 10%, it is **2E3C17**.

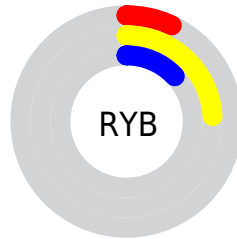
Distribution



Red (17%)

Green (24%)

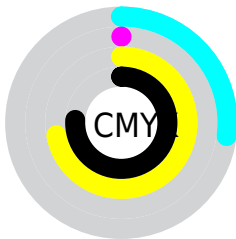
Blue (7%)



Red (7%)

Yellow (24%)

Blue (13%)

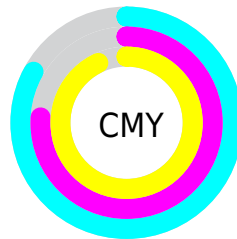


Cyan (27%)

Magenta (0%)

Yellow (72%)

Black (76%)



Cyan (83%)

Magenta (76%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C3C11 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 2C3C11 by changing the saturation by 10% instead.

 2C3C11

 2C3C11

 FFFFF5

 182600

 5B6B3D

 001300

 748555

 000000

 8E9F6E

 A9BA87

 C4D5A2

 E1F2BD

 FDFFD9

 2C3C11

 2C3C11

■ 2A3C0B

■ 2E3C17

■ 283C05

■ 303C1D

■ 263C00

■ 333C23

■ 353C29

■ 373C2F

■ 393C35

■ 3C3C3B

■ 3E3C41

■ 403C47

Harmonies

Analogous

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



41360A



2C3C11



0D3F22

Triad

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



2C3C11



003E5B



5C2437

Complementary

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



2C3C11



21113C

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.



51284B



2C3C11



063961

Square

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



2C3C11



00414C



39315B



5C2722

Rectangle

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



2C3C11



004130



39315B



5A253E

Sweetspot

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



2C3C11



494F3E



3C2111



25291E



A8A8A8



292929

Same Dimension

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



2C3C11



364F0B



173C11



1D1F1C



3B5E00



8BDE00

Inverse Universe

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



21113C



240B4F



36113C



1D1C1F



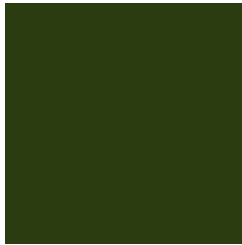
23005E



5300DE

Previews

White Background



This preview shows how the Hex color 2C3C11 looks on a white background.

Color Contrast Check

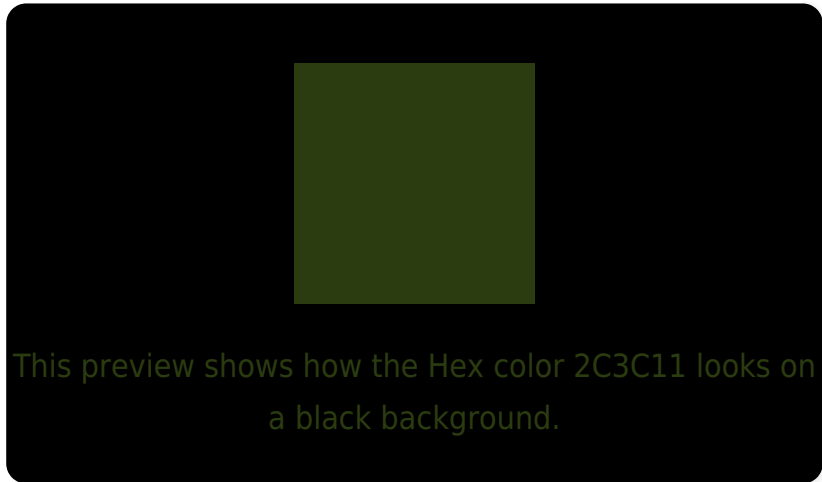
Large Text (above 18pt) WCAG AA ✓ Pass

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

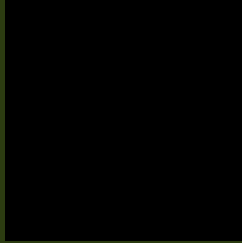
Any Text WCAG AA × Fail

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 2C3C11 Background



This preview shows how black text looks on a background with the Hex color 2C3C11.



This preview shows how white text looks on a background with the Hex color 2C3C11.

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](#).

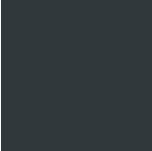
Dichromacy



Original Color
2C3C11

Protanopia
3E3710

Deuteranopia
453414



Tritanopia
31383C

Trichromacy



Original Color
2C3C11

Protanomaly
373910

Deuteranomaly
3C3713

Tritanomaly
2F392C

Monochromacy



Original Color
2C3C11

Achromatopsia
323232

Achromatomaly
303626

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C3C11 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 #2C3C11 looks like.

```
.text, #text, p{  
    color:#2C3C11  
}
```

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 #2C3C11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C3C11
}
```

Border

The CSS property to change the border of an element to Hex 2C3C11 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
#2C3C11 }
```

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

```
.border{ border-color:#2C3C11 }
```

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

Here you see how a box with a 4 pixel #2C3C11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C3C11; -webkit-box-shadow:4px 4px  
4px 4px #2C3C11; box-shadow:4px 4px 4px  
4px #2C3C11 }
```

Background

The CSS property to change the background color of an element to Hex 2C3C11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C3C11 }
```

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

```
.background{ background-color:#2C3C11 }
```

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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