

Converting Colors

Hex(2D2C11)

Have a look what the booklet for
Hex(2D2C11) contains.

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Color

Hex(2D2C11)

Conversions

Conversions Part 1

Format	Color
Hex	2D2C11
RGB	45, 44, 17
RGB Percent	18%, 17%, 7%
CMY	0.8235, 0.8275, 0.9333
CMYK	0.00, 0.02, 0.62, 0.82
HSL	58°, 45%, 12%
HSV	58°, 62%, 18%
XYZ	2.0840, 2.3997, 0.8837
YIQ	41.2210, 9.2630, -8.1850

Conversions

Conversions Part 2

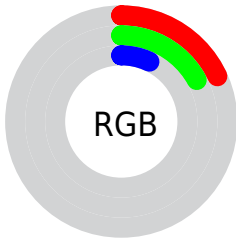
Format	Color
RYB	18, 45, 17
Decimal	2960401
CIELab	17.46, -4.27, 17.46
CIELCh	17, 17.977, 103.752
Yxy	2.3997, 0.3883, 0.4471
Android (android.graphics.Color)	4281150481 (0xFF2D2C11)
YUV	41.2210, -11.9410, 3.3142
Hunter-Lab	15.4910, -3.0953, 7.4616

Details

The Hex color **2D2C11** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **11122D**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **5C593C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D2C0C**, and if you desaturate by 10%, it is **2D2C16**.

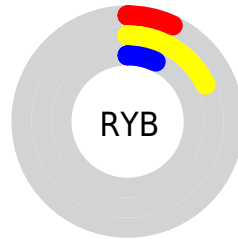
Distribution



Red (18%)

Green (17%)

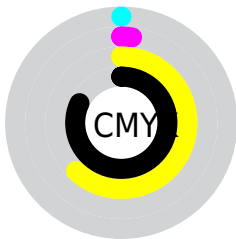
Blue (7%)



Red (7%)

Yellow (18%)

Blue (7%)

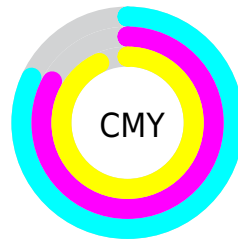


Cyan (0%)

Magenta (2%)

Yellow (62%)

Black (82%)



Cyan (82%)

Magenta (83%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D2C11 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 2D2C11 by changing the saturation by 10% instead.

 2D2C11

 2D2C11

 FFFFF2

 181800

 5C593C

 000000

 757253

 8E8B6B

 A9A685

 C4C19F

 E1DDBA

 FDF9D6

 2D2C11

 2D2C11

■ 2D2C0C

■ 2D2C16

■ 2D2C08

■ 2D2C1A

■ 2D2C03

■ 2D2C1F

■ 2D2B00

■ 2D2D23

■ 2D2D28

■ 2D2D2C

■ 2D2D31

■ 2D2D35

■ 2D2D3A

Harmonies

Analogous

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



392812



2D2C11



1F2F18

Triad

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



2D2C11



00313C



3F2132

Complementary

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



2D2C11



11122D

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.



34253E



2D2C11



032E43

Square

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



2D2C11



003231



212A44



432025

Rectangle

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



2D2C11



13311F



212A44



3C2236

Sweetspot

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



2D2C11



3B3A30



2D1112



1F1E18



9E9E9E



1F1F1F

Same Dimension

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



2D2C11



3B390F



202D11



171715



575400



D6CF00

Inverse Universe

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



11122D



0F103B



1E112D



151517



000357



0008D6

Previews

White Background



This preview shows how the Hex color 2D2C11 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

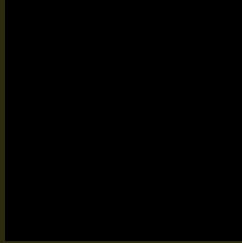
Any Text WCAG AA × Fail

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 2D2C11 Background



This preview shows how black text looks on a background with the Hex color 2D2C11.

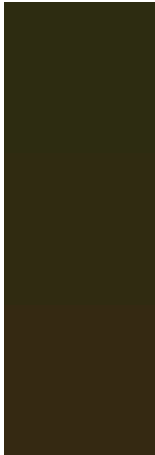


This preview shows how white text looks on a background with the Hex color 2D2C11.

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
2D2C11

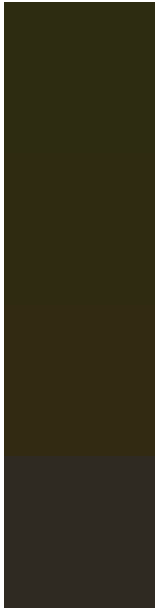
Protanopia
302B11

Deuteranopia
352912



Tritanopia
30292C

Trichromacy



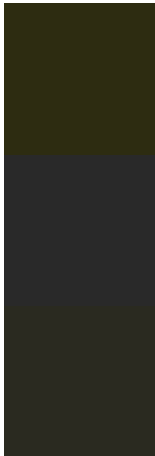
Original Color
2D2C11

Protanomaly
2F2B11

Deuteranomaly
322A12

Tritanomaly
2F2A22

Monochromacy



Original Color
2D2C11

Achromatopsia
292929

Achromatomaly
2A2A20

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D2C11 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 #2D2C11 looks like.

```
.text, #text, p{  
    color:#2D2C11  
}
```

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 #2D2C11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D2C11
}
```

Border

The CSS property to change the border of an element to Hex 2D2C11 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
#2D2C11 }
```

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

```
.border{ border-color:#2D2C11 }
```

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

Here you see how a box with a 4 pixel #2D2C11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D2C11; -webkit-box-shadow:4px 4px  
4px 4px #2D2C11; box-shadow:4px 4px 4px  
4px #2D2C11 }
```

Background

The CSS property to change the background color of an element to Hex 2D2C11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D2C11 }
```

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

```
.background{ background-color:#2D2C11 }
```

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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