

Converting Colors

Hex(2C3322)

Have a look what the booklet for
Hex(2C3322) contains.

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Color

Hex(2C3322)

Conversions

Conversions Part 1

Format	Color
Hex	2C3322
RGB	44, 51, 34
RGB Percent	17%, 20%, 13%
CMY	0.8275, 0.8000, 0.8667
CMYK	0.14, 0.00, 0.33, 0.80
HSL	85°, 20%, 17%
HSV	85°, 33%, 20%
XYZ	2.5113, 3.0186, 1.9637
YIQ	46.9690, 1.2850, -6.7710

Conversions

Conversions Part 2

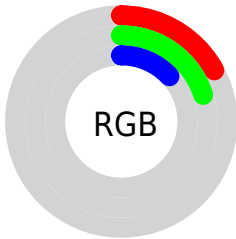
Format	Color
RYB	34, 51, 41
Decimal	2896674
CIELab	20.12, -6.76, 9.82
CIELCh	20, 11.927, 124.538
Yxy	3.0186, 0.3351, 0.4028
Android (android.graphics.Color)	4281086754 (0xFF2C3322)
YUV	46.9690, -6.3937, -2.6038
Hunter-Lab	17.3742, -4.6044, 5.4608

Details

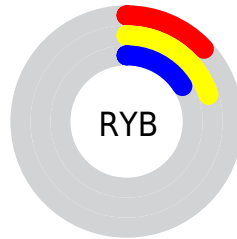
The Hex color **2C3322** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **292233**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **5A614E**, and **000100** is the 20% darker color. If you saturate the color by 10%, you get **2A331D**, and if you desaturate by 10%, it is **2E3327**.

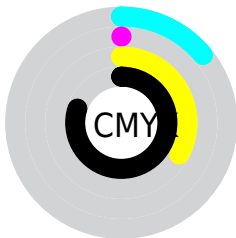
Distribution



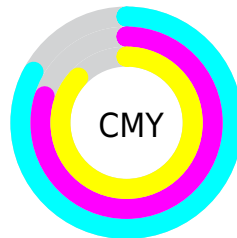
- Red (17%)
- Green (20%)
- Blue (13%)



- Red (13%)
- Yellow (20%)
- Blue (16%)



- Cyan (14%)
- Magenta (0%)
- Yellow (33%)
- Black (80%)



- Cyan (83%)
- Magenta (80%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C3322 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 2C3322 by changing the saturation by 10% instead.

■ 2C3322

■ 2C3322

FFFFFF

■ 181E0C

■ 5A614E

■ 000100

■ 727A66

■ 000000

■ 8C947F

■ A6AF99

■ C1CAB4

■ DDE6D0

■ FAF FEC

■ 2C3322

■ 2C3322

■ 2A331D

■ 2E3327

■ 283318

■ 30332C

■ 263313

■ 323331

■ 24330E

■ 343336

■ 213308

■ 37333B

■ 1F3303

■ 393341

■ 1E3300

■ 3B3346

■ 3D334B

■ 3F3350

Harmonies

Analogous

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



35301F



2C3322



223529

Triad

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



2C3322



1B3340



422A30

Complementary

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



2C3322



292233

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.



3D2B38



2C3322



273142

Square

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



2C3322



15353A



342E3F



422B27

Rectangle

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



2C3322



1C352F



342E3F



412A33

Sweetspot

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



2C3322



40423C



332922



20211D



A1A1A1



212121

Same Dimension

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



2C3322



374228



243322



181A17



345900



7FD900

Inverse Universe

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



292233



332842



312233



18171A



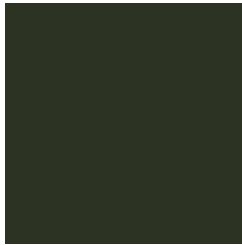
250059



5900D9

Previews

White Background



This preview shows how the Hex color 2C3322 looks on a white background.

Color Contrast Check

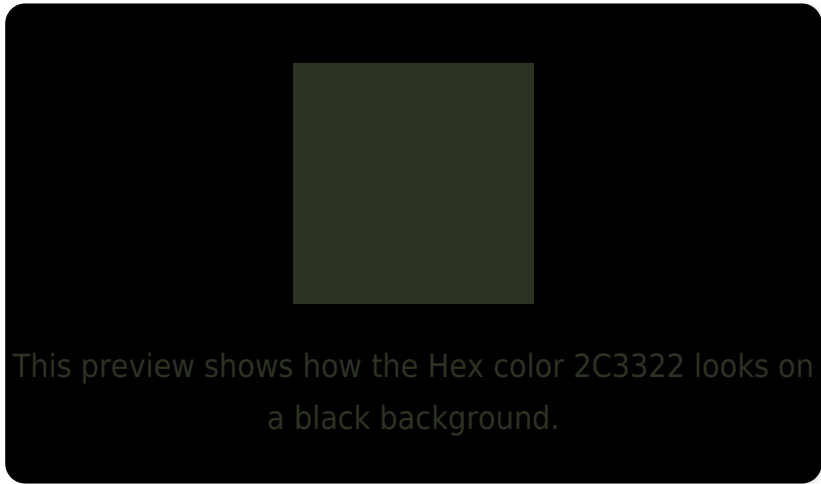
Large Text (above 18pt) WCAG AA ✓ Pass

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

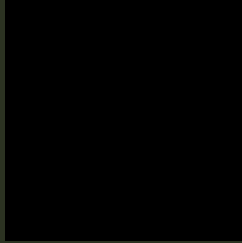
Any Text WCAG AA × Fail

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 2C3322 Background



This preview shows how black text looks on a background with the Hex color 2C3322.

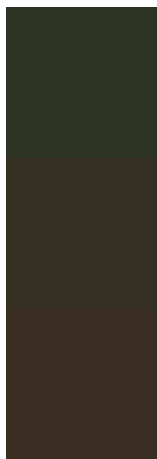


This preview shows how white text looks on a background with the Hex color 2C3322.

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
2C3322

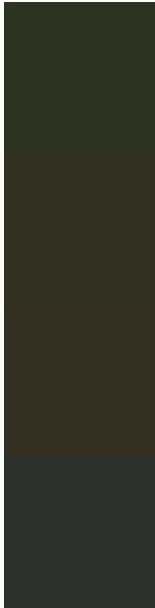
Protanopia
353021

Deuteranopia
3A2E23



Tritanopia
2F3135

Trichromacy



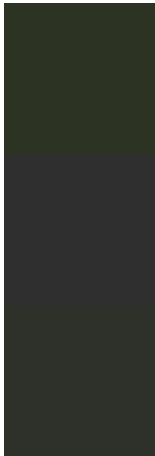
Original Color
2C3322

Protanomaly
323121

Deuteranomaly
353023

Tritanomaly
2E322E

Monochromacy



Original Color
2C3322

Achromatopsia
2F2F2F

Achromatomaly
2E302A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C3322 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 #2C3322 looks like.

```
.text, #text, p{  
    color:#2C3322  
}
```

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 #2C3322 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C3322
}
```

Border

The CSS property to change the border of an element to Hex 2C3322 is called "border". The border property can be set on classes, ids or directly on the HTML element.

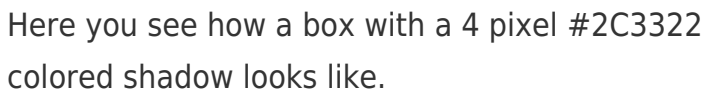
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C3322 }
```

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

```
.border{ border-color:#2C3322 }
```

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



Here you see how a box with a 4 pixel #2C3322 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C3322; -webkit-box-shadow:4px 4px  
4px 4px #2C3322; box-shadow:4px 4px 4px  
4px #2C3322 }
```

Background

The CSS property to change the background color of an element to Hex 2C3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C3322 }
```

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

```
.background{ background-color:#2C3322 }
```

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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