

Converting Colors

Hex(2C3328)

Have a look what the booklet for
Hex(2C3328) contains.

Hex(2C3328)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2C3328)

Conversions

Conversions Part 1

Format	Color
Hex	2C3328
RGB	44, 51, 40
RGB Percent	17%, 20%, 16%
CMY	0.8275, 0.8000, 0.8431
CMYK	0.14, 0.00, 0.22, 0.80
HSL	98°, 12%, 18%
HSV	98°, 22%, 20%
XYZ	2.6055, 3.0563, 2.4601
YIQ	47.6530, -0.6410, -4.9050

Conversions

Conversions Part 2

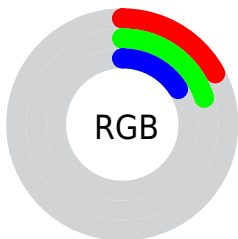
Format	Color
RYB	40, 51, 47
Decimal	2896680
CIELab	20.27, -5.57, 5.99
CIElCh	20, 8.178, 132.900
Yxy	3.0563, 0.3208, 0.3763
Android (android.graphics.Color)	4281086760 (0xFF2C3328)
YUV	47.6530, -3.7729, -3.2037
Hunter-Lab	17.4824, -3.9908, 3.8945

Details

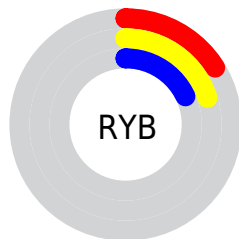
The Hex color **2C3328** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2F2833**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **5A6155**, and **000200** is the 20% darker color. If you saturate the color by 10%, you get **293323**, and if you desaturate by 10%, it is **2F332D**.

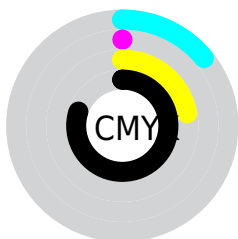
Distribution



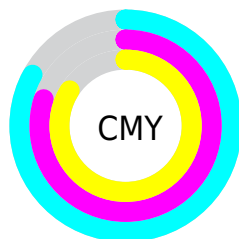
- Red (17%)
- Green (20%)
- Blue (16%)



- Red (16%)
- Yellow (20%)
- Blue (18%)



- Cyan (14%)
- Magenta (0%)
- Yellow (22%)
- Black (80%)



- Cyan (83%)
- Magenta (80%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C3328 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 2C3328 by changing the saturation by 10% instead.

■ 2C3328

■ 2C3328

FFFFFF

■ 171E14

■ 5A6155

■ 000200

■ 727A6D

■ 000000

■ 8C9487

■ A6AEA1

■ C1CABC

■ DDE6D8

■ FAFFF4

■ 2C3328

■ 2C3328

■ 293323

■ 2F332D

■ 26331E

■ 323332

■ 223319

■ 363337

■ 1F3314

■ 39333C

■ 1C330E

■ 3C3342

■ 193309

■ 3F3347

■ 153304

■ 43334C

■ 133300

■ 463351

■ 493356

Harmonies

Analogous

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



333125



2C3328



26342D

Triad

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



2C3328



26323C



3D2D2E

Complementary

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



2C3328



2F2833

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.



3B2D35



2C3328



2D313C

Square

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



2C3328



213439



352F3A



3C2E29

Rectangle

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



2C3328



223431



352F3A



3D2D30

Sweetspot

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



2C3328



40423E



332F28



20211F



A1A1A1



212121

Same Dimension

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



2C3328



374231



283329



181A17



205900



4FD900

Inverse Universe

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



2F2833



3C3142



332832



19171A



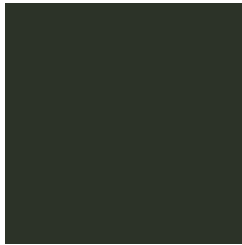
390059



8A00D9

Previews

White Background



This preview shows how the Hex color 2C3328 looks on a white background.

Color Contrast Check

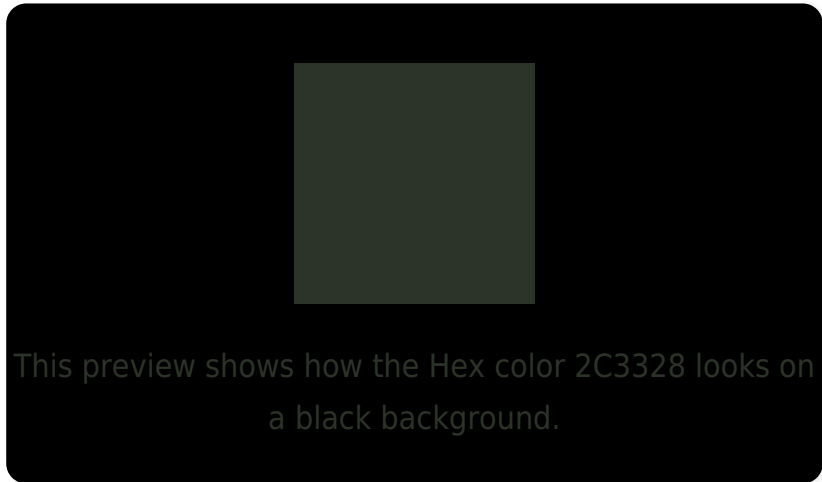
Large Text (above 18pt) WCAG AA ✓ Pass

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

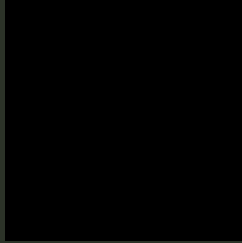
Any Text WCAG AA × Fail

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 2C3328 Background



This preview shows how black text looks on a background with the Hex color 2C3328.



This preview shows how white text looks on a background with the Hex color 2C3328.

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
2C3328

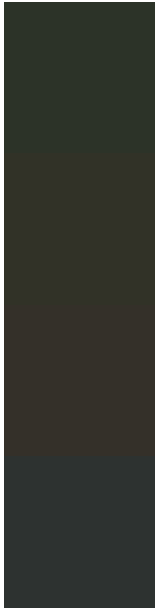
Protanopia
343127

Deuteranopia
382F29



Tritanopia
2E3135

Trichromacy



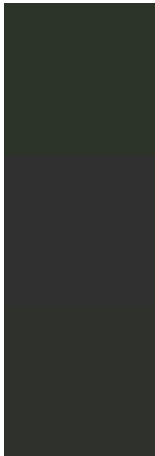
Original Color
2C3328

Protanomaly
313227

Deuteranomaly
343029

Tritanomaly
2D3230

Monochromacy



Original Color
2C3328

Achromatopsia
303030

Achromatomaly
2F312D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C3328 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 #2C3328 looks like.

```
.text, #text, p{  
    color:#2C3328  
}
```

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 #2C3328 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C3328
}
```

Border

The CSS property to change the border of an element to Hex 2C3328 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
#2C3328 }
```

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

```
.border{ border-color:#2C3328 }
```

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

Here you see how a box with a 4 pixel #2C3328 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C3328; -webkit-box-shadow:4px 4px  
4px 4px #2C3328; box-shadow:4px 4px 4px  
4px #2C3328 }
```

Background

The CSS property to change the background color of an element to Hex 2C3328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C3328 }
```

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

```
.background{ background-color:#2C3328 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor