

Converting Colors

Hex(2A3C28)

Have a look what the booklet for
Hex(2A3C28) contains.

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Color

Hex(2A3C28)

Conversions

Conversions Part 1

Format	Color
Hex	2A3C28
RGB	42, 60, 40
RGB Percent	16%, 24%, 16%
CMY	0.8353, 0.7647, 0.8431
CMYK	0.30, 0.00, 0.33, 0.76
HSL	114°, 20%, 20%
HSV	114°, 33%, 24%
XYZ	2.9537, 3.8772, 2.6002
YIQ	52.3380, -4.3080, -10.0360

Conversions

Conversions Part 2

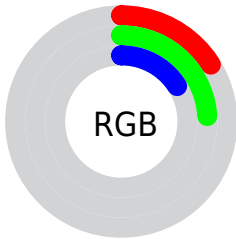
Format	Color
R_{YB}	40, 60, 58
Decimal	2767912
CIE _{Lab}	23.26, -12.03, 10.10
CIE _{LCh}	23, 15.707, 139.994
Yxy	3.8772, 0.3132, 0.4111
Android (android.graphics.Color)	4280957992 (0xFF2A3C28)
YUV	52.3380, -6.0826, -9.0664
Hunter-Lab	19.6905, -7.6822, 5.9540

Details

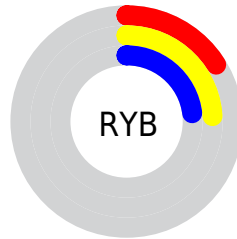
The Hex color **2A3C28** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3A283C**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **586B55**, and **001300** is the 20% darker color. If you saturate the color by 10%, you get **253C22**, and if you desaturate by 10%, it is **2F3C2E**.

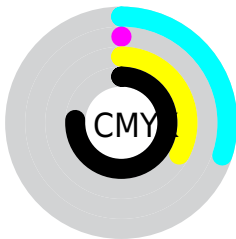
Distribution



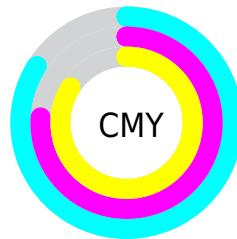
- Red (16%)
- Green (24%)
- Blue (16%)



- Red (16%)
- Yellow (24%)
- Blue (23%)



- Cyan (30%)
- Magenta (0%)
- Yellow (33%)
- Black (76%)



- Cyan (84%)
- Magenta (76%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A3C28 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 2A3C28 by changing the saturation by 10% instead.

 2A3C28

 2A3C28

FFFFFF

 152614

 586B55

 001300

 71856E

 000000

 8A9F87

 A4BAA1

 C0D6BC

 DCF2D8

 F8FFF4

 2A3C28

 2A3C28

■ 253C22

■ 2F3C2E

■ 1F3C1C

■ 353C34

■ 1A3C16

■ 3A3C3A

■ 143C10

■ 403C40

■ 0F3C0A

■ 453C46

■ 0A3C04

■ 4A3C4C

■ 063C00

■ 503C52

■ 553C58

■ 5B3C5E

Harmonies

Analogous

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



373921



2A3C28



1C3E33

Triad

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



2A3C28



213A4E



4F2F30

Complementary

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



2A3C28



3A283C

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.



4C2F3C



2A3C28



33364D

Square

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



2A3C28



103C49



423247



4B3126

Rectangle

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



2A3C28



133E3B



423247



4E2E34

Sweetspot

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



2A3C28



484F47



3C3A28



242924



A8A8A8



292929

Same Dimension

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



2A3C28



334F2F



283C30



1C1F1C



095E00



16DE00

Inverse Universe

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



3A283C



4C2F4F



3C2834



1E1C1F



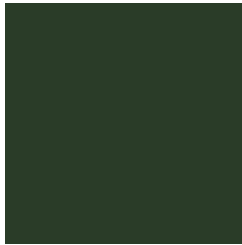
55005E



C800DE

Previews

White Background



This preview shows how the Hex color 2A3C28 looks on a white background.

Color Contrast Check

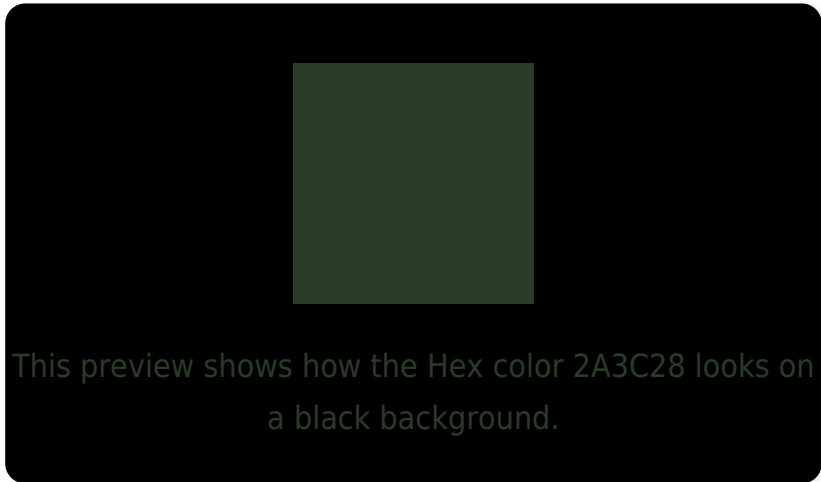
Large Text (above 18pt) WCAG AA ✓ Pass

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

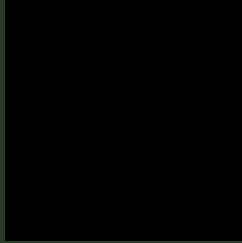
Any Text WCAG AA × Fail

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 2A3C28 Background



This preview shows how black text looks on a background with the Hex color 2A3C28.



This preview shows how white text looks on a background with the Hex color 2A3C28.

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
2A3C28

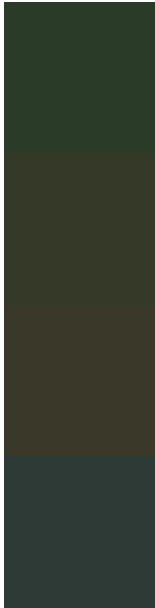
Protanopia
3C3726

Deuteranopia
41352A



Tritanopia
2E393E

Trichromacy



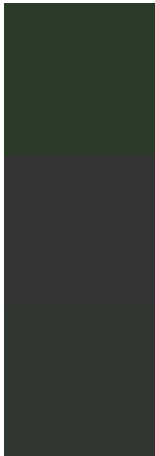
Original Color
2A3C28

Protanomaly
353927

Deuteranomaly
393829

Tritanomaly
2D3A36

Monochromacy



Original Color
2A3C28

Achromatopsia
343434

Achromatomaly
303730

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A3C28 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 #2A3C28 looks like.

```
.text, #text, p{  
    color:#2A3C28  
}
```

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 #2A3C28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A3C28
}
```

Border

The CSS property to change the border of an element to Hex 2A3C28 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
#2A3C28 }
```

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

```
.border{ border-color:#2A3C28 }
```

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

Here you see how a box with a 4 pixel #2A3C28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A3C28; -webkit-box-shadow:4px 4px  
4px 4px #2A3C28; box-shadow:4px 4px 4px  
4px #2A3C28 }
```

Background

The CSS property to change the background color of an element to Hex 2A3C28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A3C28 }
```

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

```
.background{ background-color:#2A3C28 }
```

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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