

Converting Colors

Hex(2D3A28)

Have a look what the booklet for
Hex(2D3A28) contains.

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Color

Hex(2D3A28)

Conversions

Conversions Part 1

Format	Color
Hex	2D3A28
RGB	45, 58, 40
RGB Percent	18%, 23%, 16%
CMY	0.8235, 0.7725, 0.8431
CMYK	0.22, 0.00, 0.31, 0.77
HSL	103°, 18%, 19%
HSV	103°, 31%, 23%
XYZ	2.9782, 3.7372, 2.5719
YIQ	52.0610, -1.9700, -8.3540

Conversions

Conversions Part 2

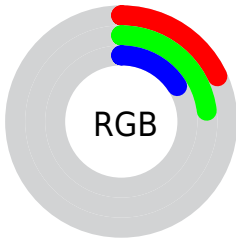
Format	Color
R_{YB}	40, 58, 53
Decimal	2964008
CIE _{Lab}	22.78, -9.54, 9.48
CIE _{LCh}	23, 13.448, 135.159
Yxy	3.7372, 0.3207, 0.4024
Android (android.graphics.Color)	4281154088 (0xFF2D3A28)
YUV	52.0610, -5.9461, -6.1925
Hunter-Lab	19.3318, -6.3312, 5.6445

Details

The Hex color **2D3A28** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **35283A**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **5B6955**, and **001000** is the 20% darker color. If you saturate the color by 10%, you get **293A22**, and if you desaturate by 10%, it is **313A2E**.

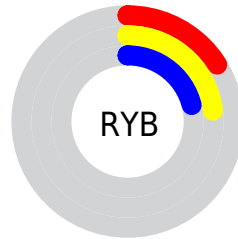
Distribution



Red (18%)

Green (23%)

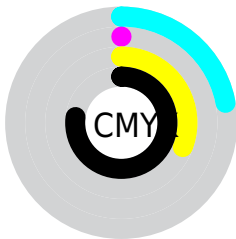
Blue (16%)



Red (16%)

Yellow (23%)

Blue (21%)

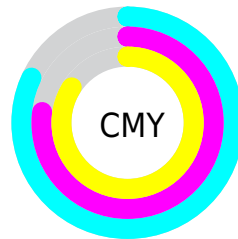


Cyan (22%)

Magenta (0%)

Yellow (31%)

Black (77%)



Cyan (82%)

Magenta (77%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D3A28 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 2D3A28 by changing the saturation by 10% instead.

■ 2D3A28

■ 2D3A28

FFFFFF

■ 182414

■ 5B6955

■ 001000

■ 74826D

■ 000000

■ 8D9C87

■ A8B7A1

■ C3D3BC

■ DFEFD8

■ FCFFF4

■ 2D3A28

■ 2D3A28

■ 293A22

■ 313A2E

■ 253A1C

■ 353A34

■ 203A17

■ 3A3A39

■ 1C3A11

■ 3E3A3F

■ 183A0B

■ 423A45

■ 143A05

■ 463A4B

■ 103A00

■ 4A3A51

■ 4F3A56

■ 533A5C

Harmonies

Analogous

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



383723



2D3A28



213C31

Triad

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



2D3A28



223949



4A2F32

Complementary

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



2D3A28



35283A

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.



472F3C



2D3A28



31364A

Square

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



2D3A28



183B44



3E3245



483129

Rectangle

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



2D3A28



1B3C38



3E3245



4A2F35

Sweetspot

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



2D3A28



484D46



3A3528



232622



A6A6A6



262626

Same Dimension

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



2D3A28



384D30



283A2C



1A1C19



195C00



3DDB00

Inverse Universe

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



35283A



45304D



3A2836



1B191C



42005C



9E00DB

Previews

White Background



This preview shows how the Hex color 2D3A28 looks on a white background.

Color Contrast Check

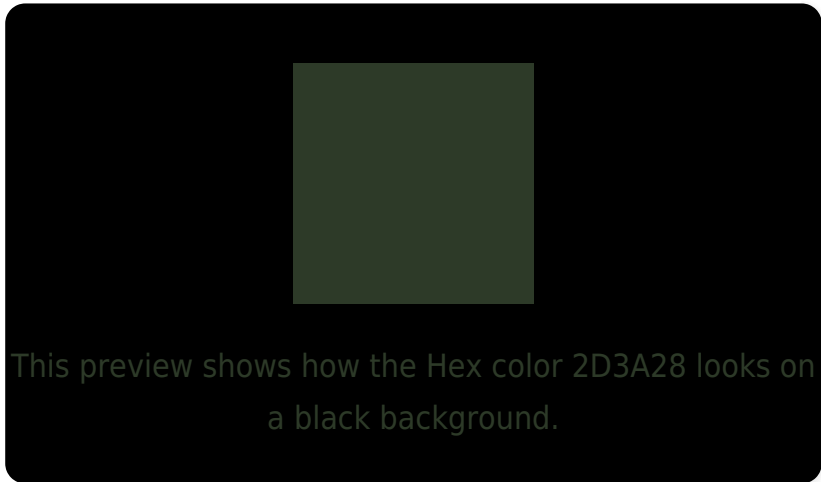
Large Text (above 18pt) WCAG AA ✓ Pass

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

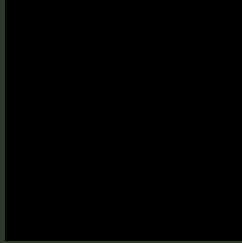
Any Text WCAG AA × Fail

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 2D3A28 Background



This preview shows how black text looks on a background with the Hex color 2D3A28.

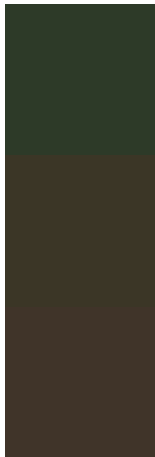


This preview shows how white text looks on a background with the Hex color 2D3A28.

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

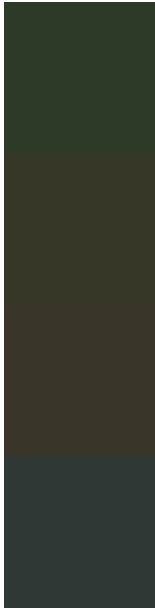


Original Color
2D3A28

Protanopia
3B3626

Deuteranopia
403429

Trichromacy



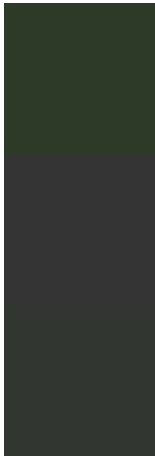
Original Color
2D3A28

Protanomaly
363727

Deuteranomaly
393629

Tritanomaly
2F3835

Monochromacy



Original Color
2D3A28

Achromatopsia
343434

Achromatomaly
313630

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D3A28 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 #2D3A28 looks like.

```
.text, #text, p{  
    color:#2D3A28  
}
```

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 #2D3A28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D3A28
}
```

Border

The CSS property to change the border of an element to Hex 2D3A28 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
#2D3A28 }
```

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

```
.border{ border-color:#2D3A28 }
```

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

Here you see how a box with a 4 pixel #2D3A28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D3A28; -webkit-box-shadow:4px 4px  
4px 4px #2D3A28; box-shadow:4px 4px 4px  
4px #2D3A28 }
```

Background

The CSS property to change the background color of an element to Hex 2D3A28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D3A28 }
```

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

```
.background{ background-color:#2D3A28 }
```

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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