

Converting Colors

Hex(2B3728)

Have a look what the booklet for
Hex(2B3728) contains.

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Color

Hex(2B3728)

Conversions

Conversions Part 1

Format	Color
Hex	2B3728
RGB	43, 55, 40
RGB Percent	17%, 22%, 16%
CMY	0.8314, 0.7843, 0.8431
CMYK	0.22, 0.00, 0.27, 0.78
HSL	108°, 16%, 19%
HSV	108°, 27%, 22%
XYZ	2.7455, 3.3992, 2.5189
YIQ	49.7020, -2.3370, -7.2090

Conversions

Conversions Part 2

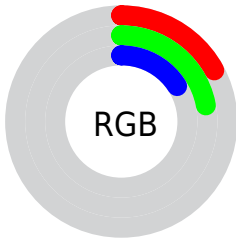
Format	Color
RYB	40, 55, 52
Decimal	2832168
CIELab	21.58, -8.55, 7.80
CIElCh	22, 11.576, 137.643
Yxy	3.3992, 0.3169, 0.3924
Android (android.graphics.Color)	4281022248 (0xFF2B3728)
YUV	49.7020, -4.7831, -5.8777
Hunter-Lab	18.4368, -5.6838, 4.8054

Details

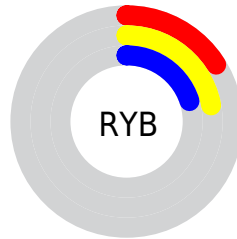
The Hex color **2B3728** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **342837**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **596655**, and **000B00** is the 20% darker color. If you saturate the color by 10%, you get **273723**, and if you desaturate by 10%, it is **2F372E**.

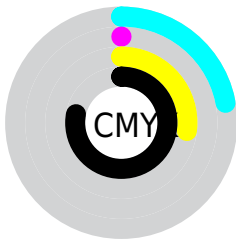
Distribution



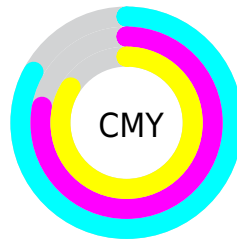
- Red (17%)
- Green (22%)
- Blue (16%)



- Red (16%)
- Yellow (22%)
- Blue (20%)



- Cyan (22%)
- Magenta (0%)
- Yellow (27%)
- Black (78%)



- Cyan (83%)
- Magenta (78%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B3728 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 2B3728 by changing the saturation by 10% instead.

■ 2B3728

■ 2B3728

FFFFFF

■ 162214

■ 596655

■ 000B00

■ 717F6D

■ 000000

■ 8B9987

■ A5B4A1

■ C0CFBC

■ DCEBD8

■ F9FFF4

■ 2B3728

■ 2B3728

■ 273723

■ 2F372E

■ 22371D

■ 343733

■ 1E3718

■ 383739

■ 193712

■ 3D373E

■ 15370C

■ 413744

■ 113707

■ 453749

■ 0C3701

■ 4A374F

■ 0B3700

■ 4E3754

■ 53375A

Harmonies

Analogous

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



353523



2B3728



213830

Triad

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



2B3728



243644



452E2F

Complementary

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



2B3728



342837

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.



422E38



2B3728



303344

Square

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



2B3728



1B3840



3B303F



432F27

Rectangle

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



2B3728



1C3936



3B303F



452D32

Sweetspot

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



2B3728



434742



373428



212420



A3A3A3



242424

Same Dimension

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



2B3728



354730



28372D



1A1C19



125C00



2CDB00

Inverse Universe

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



342837



433047



372833



1B191C



49005C



AF00DB

Previews

White Background



This preview shows how the Hex color 2B3728 looks on a white background.

Color Contrast Check

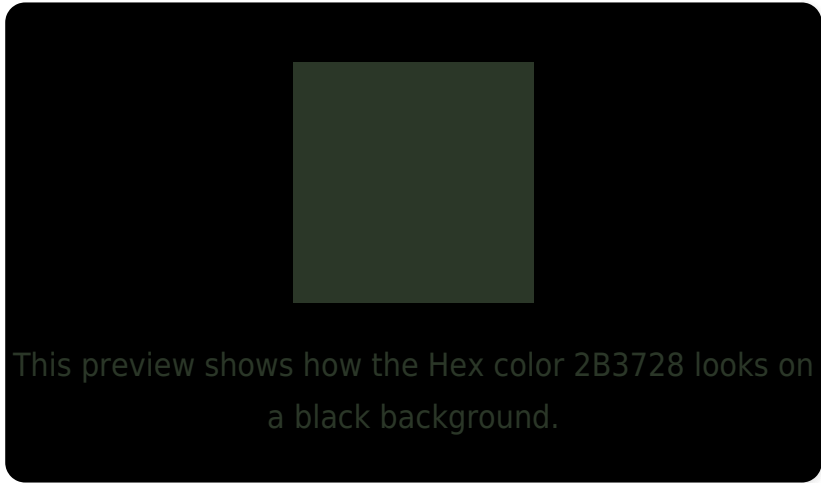
Large Text (above 18pt) WCAG AA ✓ Pass

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

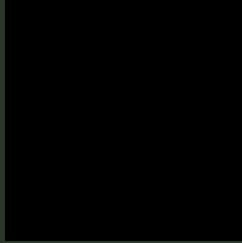
Any Text WCAG AA × Fail

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 2B3728 Background



This preview shows how black text looks on a background with the Hex color 2B3728.

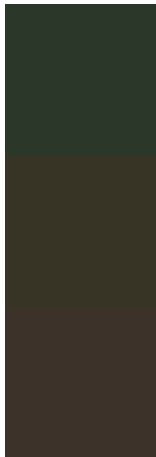


This preview shows how white text looks on a background with the Hex color 2B3728.

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
2B3728

Protanopia
373426

Deuteranopia
3C3229



Tritanopia
2E3539

Trichromacy



Original Color

2B3728

Protanomaly

333527

Deuteranomaly

363429

Tritanomaly

2D3633

Monochromacy



Original Color

2B3728

Achromatopsia

323232

Achromatomaly

2F342E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B3728 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 #2B3728 looks like.

```
.text, #text, p{  
    color:#2B3728  
}
```

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 #2B3728 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B3728
}
```

Border

The CSS property to change the border of an element to Hex 2B3728 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
#2B3728 }
```

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

```
.border{ border-color:#2B3728 }
```

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

Here you see how a box with a 4 pixel #2B3728 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B3728; -webkit-box-shadow:4px 4px  
4px 4px #2B3728; box-shadow:4px 4px 4px  
4px #2B3728 }
```

Background

The CSS property to change the background color of an element to Hex 2B3728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B3728 }
```

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

```
.background{ background-color:#2B3728 }
```

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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