

Converting Colors

Hex(2B3B24)

Have a look what the booklet for
Hex(2B3B24) contains.

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Color

Hex(2B3B24)

Conversions

Conversions Part 1

Format	Color
Hex	2B3B24
RGB	43, 59, 36
RGB Percent	17%, 23%, 14%
CMY	0.8314, 0.7686, 0.8588
CMYK	0.27, 0.00, 0.39, 0.77
HSL	102°, 24%, 19%
HSV	102°, 39%, 23%
XYZ	2.8787, 3.7689, 2.2448
YIQ	51.5940, -2.1530, -10.5450

Conversions

Conversions Part 2

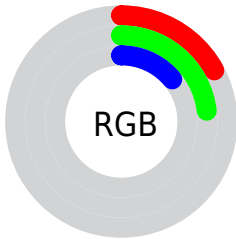
Format	Color
R_{YB}	36, 59, 52
Decimal	2833188
CIE Lab	22.89, -11.78, 12.21
CIE LCh	23, 16.972, 133.971
Yxy	3.7689, 0.3237, 0.4238
Android (android.graphics.Color)	4281023268 (0xFF2B3B24)
YUV	51.5940, -7.6878, -7.5369
Hunter-Lab	19.4136, -7.5058, 6.7338

Details

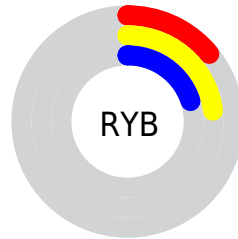
The Hex color **2B3B24** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **34243B**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **596A51**, and **001200** is the 20% darker color. If you saturate the color by 10%, you get **273B1E**, and if you desaturate by 10%, it is **2F3B2A**.

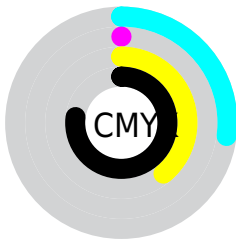
Distribution



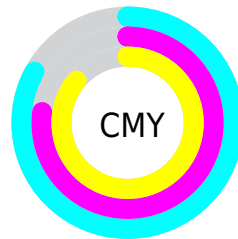
- Red (17%)
- Green (23%)
- Blue (14%)



- Red (14%)
- Yellow (23%)
- Blue (20%)



- Cyan (27%)
- Magenta (0%)
- Yellow (39%)
- Black (77%)



- Cyan (83%)
- Magenta (77%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B3B24 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 2B3B24 by changing the saturation by 10% instead.



2B3B24



2B3B24

FFFFFF



16250F



596A51



001200



728469



000000



8B9E82



A6B99C



C1D4B7



DDF1D3



F9FFEF



2B3B24



2B3B24

■ 273B1E

■ 2F3B2A

■ 233B18

■ 333B30

■ 1F3B12

■ 373B36

■ 1B3B0C

■ 3B3B3C

■ 163B06

■ 403B42

■ 123B01

■ 443B47

■ 123B00

■ 483B4D

■ 4C3B53

■ 503B59

Harmonies

Analogous

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



39381E



2B3B24



1B3D2F

Triad

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



2B3B24



183A4F



4F2D31

Complementary

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



2B3B24



34243B

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.



4B2E3E



2B3B24



2E364F

Square

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



2B3B24



043C48



403149



4D2F26

Rectangle

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



2B3B24



0F3D38



403149



4F2D35

Sweetspot

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



2B3B24



464D43



3B3424



232621



A6A6A6



262626

Same Dimension

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



2B3B24



334D29



243B28



1C1F1C



1D5E00



44DE00

Inverse Universe

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



34243B



42294D



3B2437



1E1C1F



42005E



9A00DE

Previews

White Background



This preview shows how the Hex color 2B3B24 looks on a white background.

Color Contrast Check

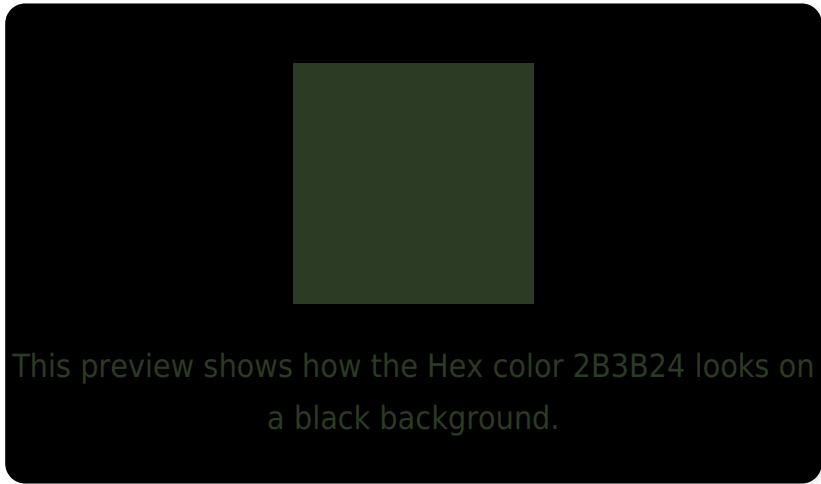
Large Text (above 18pt) WCAG AA ✓ Pass

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

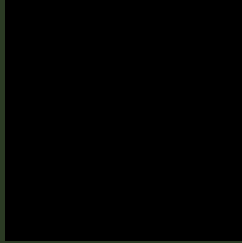
Any Text WCAG AA × Fail

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 2B3B24 Background



This preview shows how black text looks on a background with the Hex color 2B3B24.



This preview shows how white text looks on a background with the Hex color 2B3B24.

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](#).

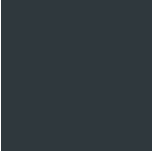
Dichromacy



Original Color
2B3B24

Protanopia
3B3722

Deuteranopia
413426



Tritanopia
2F383D

Trichromacy



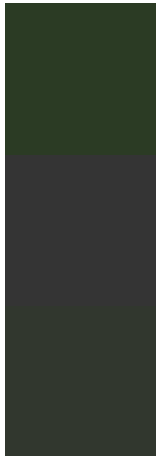
Original Color
2B3B24

Protanomaly
353823

Deuteranomaly
393725

Tritanomaly
2E3934

Monochromacy



Original Color
2B3B24

Achromatopsia
343434

Achromatomaly
31372E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B3B24 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 #2B3B24 looks like.

```
.text, #text, p{  
    color:#2B3B24  
}
```

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 #2B3B24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B3B24
}
```

Border

The CSS property to change the border of an element to Hex 2B3B24 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
#2B3B24 }
```

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

```
.border{ border-color:#2B3B24 }
```

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

Here you see how a box with a 4 pixel #2B3B24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B3B24; -webkit-box-shadow:4px 4px  
4px 4px #2B3B24; box-shadow:4px 4px 4px  
4px #2B3B24 }
```

Background

The CSS property to change the background color of an element to Hex 2B3B24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B3B24 }
```

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

```
.background{ background-color:#2B3B24 }
```

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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