

Converting Colors

Hex(2B3024)

Have a look what the booklet for
Hex(2B3024) contains.

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Color

Hex(2B3024)

Conversions

Conversions Part 1

Format	Color
Hex	2B3024
RGB	43, 48, 36
RGB Percent	17%, 19%, 14%
CMY	0.8314, 0.8118, 0.8588
CMYK	0.10, 0.00, 0.25, 0.81
HSL	85°, 14%, 16%
HSV	85°, 25%, 19%
XYZ	2.3717, 2.7549, 2.0758
YIQ	45.1370, 0.8720, -4.7920

Conversions

Conversions Part 2

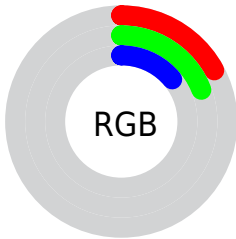
Format	Color
RYB	36, 48, 41
Decimal	2830372
CIELab	19.03, -4.90, 6.98
CIELCh	19, 8.525, 125.094
Yxy	2.7549, 0.3293, 0.3825
Android (android.graphics.Color)	4281020452 (0xFF2B3024)
YUV	45.1370, -4.5045, -1.8741
Hunter-Lab	16.5978, -3.5404, 4.2033

Details

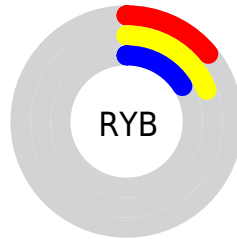
The Hex color **2B3024** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **292430**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **585E51**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **29301F**, and if you desaturate by 10%, it is **2D3029**.

Distribution



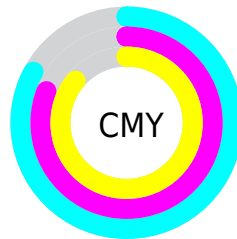
- Red (17%)
- Green (19%)
- Blue (14%)



- Red (14%)
- Yellow (19%)
- Blue (16%)



- Cyan (10%)
- Magenta (0%)
- Yellow (25%)
- Black (81%)



- Cyan (83%)
- Magenta (81%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B3024 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 2B3024 by changing the saturation by 10% instead.

■ 2B3024

■ 2B3024

FFFFFF

■ 171B0F

■ 585E51

■ 000000

■ 717769

■ 8A9082

■ A5AB9C

■ C0C6B7

■ DCE2D2

■ F8FFE7

■ 2B3024

■ 2B3024

■ 29301F

■ 2D3029

■ 27301A

■ 2F302E

■ 253016

■ 313032

■ 233011

■ 333037

■ 21300C

■ 35303C

■ 1F3007

■ 373041

■ 1D3002

■ 393046

■ 1C3000

■ 3B304A

■ 3D304F

Harmonies

Analogous

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



322E22



2B3024



243129

Triad

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



2B3024



213039



3B2A2D

Complementary

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



2B3024



292430

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.



372B34



2B3024



282E3A

Square

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



2B3024



1D3135



312C38



3B2A27

Rectangle

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



2B3024



20322D



312C38



3A2A2F

Sweetspot

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



2B3024



3B3D38



302924



1D1F1C



9E9E9E



1F1F1F

Same Dimension

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



2B3024



363D2B



253024



161715



335700



7DD600

Inverse Universe

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



292430



322B3D



2F2430



161517



240057



5900D6

Previews

White Background



This preview shows how the Hex color 2B3024 looks on a white background.

Color Contrast Check

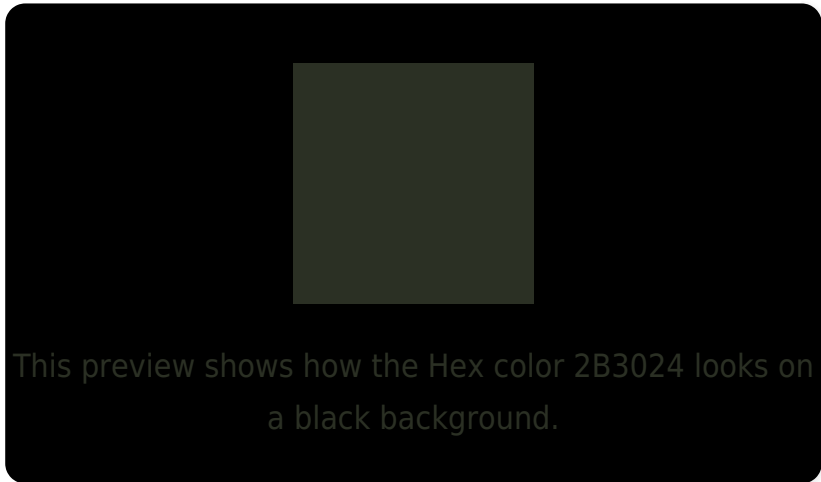
Large Text (above 18pt) WCAG AA ✓ Pass

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

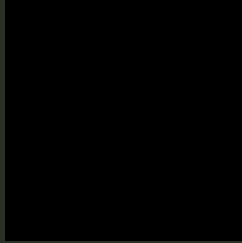
Any Text WCAG AA × Fail

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 2B3024 Background



This preview shows how black text looks on a background with the Hex color 2B3024.

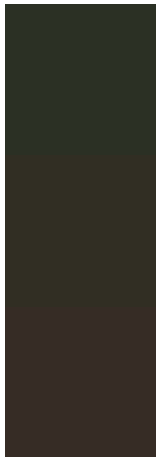


This preview shows how white text looks on a background with the Hex color 2B3024.

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

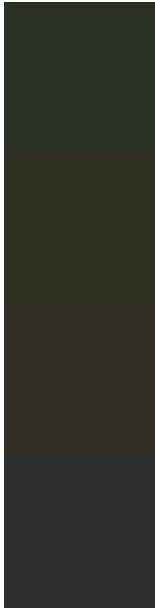


Original Color
2B3024

Protanopia
312E23

Deuteranopia
362C25

Trichromacy



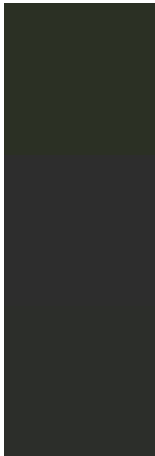
Original Color
2B3024

Protanomaly
2F2F23

Deuteranomaly
322D25

Tritanomaly
2C2F2D

Monochromacy



Original Color
2B3024

Achromatopsia
2D2D2D

Achromatomaly
2C2E2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B3024 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 #2B3024 looks like.

```
.text, #text, p{  
    color:#2B3024  
}
```

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 #2B3024 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B3024
}
```

Border

The CSS property to change the border of an element to Hex 2B3024 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
#2B3024 }
```

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

```
.border{ border-color:#2B3024 }
```

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

Here you see how a box with a 4 pixel #2B3024 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B3024; -webkit-box-shadow:4px 4px  
4px 4px #2B3024; box-shadow:4px 4px 4px  
4px #2B3024 }
```

Background

The CSS property to change the background color of an element to Hex 2B3024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B3024 }
```

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

```
.background{ background-color:#2B3024 }
```

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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