

Converting Colors

Hex(2B3200)

Have a look what the booklet for
Hex(2B3200) contains.

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Color

Hex(2B3200)

Conversions

Conversions Part 1

Format	Color
Hex	2B3200
RGB	43, 50, 0
RGB Percent	17%, 20%, 0%
CMY	0.8314, 0.8039, 1.0000
CMYK	0.14, 0.00, 1.00, 0.80
HSL	68°, 100%, 10%
HSV	68°, 100%, 20%
XYZ	2.1369, 2.7948, 0.4268
YIQ	42.2070, 11.8780, -17.0340

Conversions

Conversions Part 2

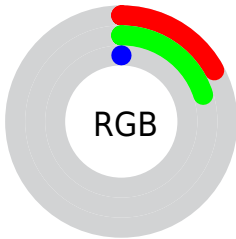
Format	Color
RYB	0, 50, 7
Decimal	2830848
CIELab	19.20, -10.62, 27.00
CIELCh	19, 29.015, 111.464
Yxy	2.7948, 0.3988, 0.5216
Android (android.graphics.Color)	4281020928 (0xFF2B3200)
YUV	42.2070, -20.8081, 0.6955
Hunter-Lab	16.7176, -6.4399, 10.1886

Details

The Hex color **2B3200** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **070032**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **5A602F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B3200**, and if you desaturate by 10%, it is **2C3205**.

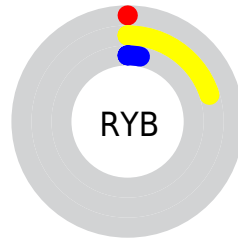
Distribution



Red (17%)

Green (20%)

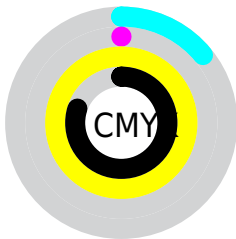
Blue (0%)



Red (0%)

Yellow (20%)

Blue (3%)

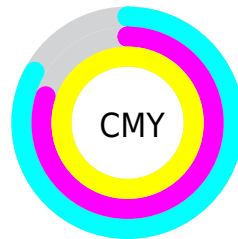


Cyan (14%)

Magenta (0%)

Yellow (100%)

Black (80%)



Cyan (83%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B3200 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 2B3200 by changing the saturation by 10% instead.

 2B3200

 2B3200

 FFFFE4

 141D00

 5A602F

 000000

 737946

 8D935E

 A8AD78

 C4C992

 E0E5AC

 FDFFC8

 2B3200

■ 2C3205

■ 2C320A

■ 2D320F

■ 2E3214

■ 2F3219

■ 2F321E

■ 303223

■ 313228

■ 31322D

Harmonies

Analogous

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



3F2B00



2B3200



0F3613

Triad

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



2B3200



00374F



511B36

Complementary

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



2B3200



070032

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.



422249



2B3200



003358

Square

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



2B3200



00383D



232C56



541B20

Rectangle

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



2B3200



003820



232C56



4E1C3C

Sweetspot

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



2B3200



3D402D



320700



1F2115



A1A1A1



212121

Same Dimension

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



2B3200



374000



123200



191A17



4D5900



BAD900

Inverse Universe

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



070032



090040



200032



17171A



0C0059



1E00D9

Previews

White Background



This preview shows how the Hex color 2B3200 looks on a white background.

Color Contrast Check

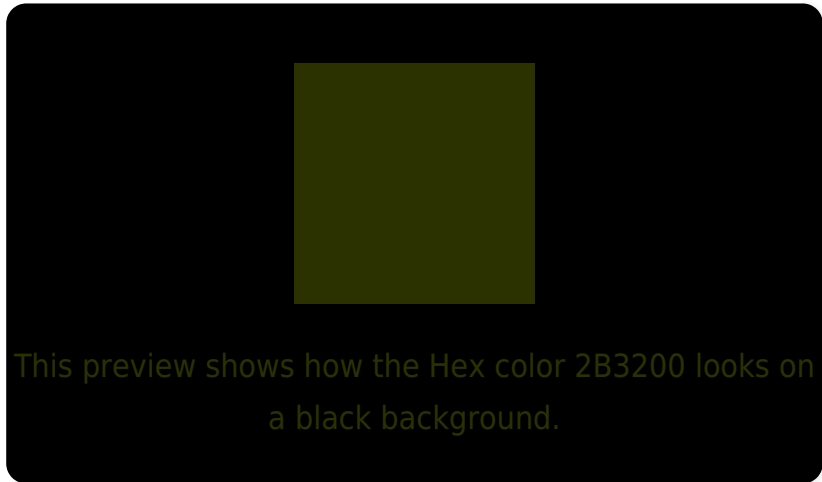
Large Text (above 18pt) WCAG AA ✓ Pass

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

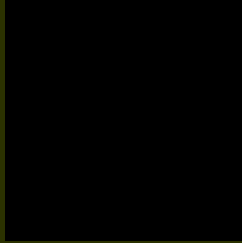
Any Text WCAG AA × Fail

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 2B3200 Background



This preview shows how black text looks on a background with the Hex color 2B3200.

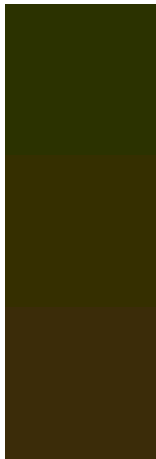


This preview shows how white text looks on a background with the Hex color 2B3200.

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
2B3200

Protanopia
352F00

Deuteranopia
3B2C09



Tritanopia
2F2E32

Trichromacy



Original Color
2B3200

Protanomaly
313000

Deuteranomaly
352E06

Tritanomaly
2E2F20

Monochromacy



Original Color
2B3200

Achromatopsia
2A2A2A

Achromatomaly
2A2D1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B3200 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 #2B3200 looks like.

```
.text, #text, p{  
    color:#2B3200  
}
```

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 #2B3200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B3200
}
```

Border

The CSS property to change the border of an element to Hex 2B3200 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".

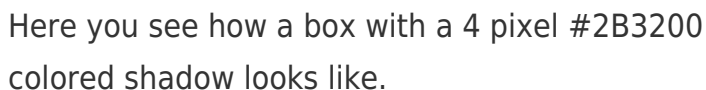
```
.border, #border, table{ border:4px solid
#2B3200 }
```

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

```
.border{ border-color:#2B3200 }
```

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

Here you see how a box with a 4 pixel #2B3200 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B3200; -webkit-box-shadow:4px 4px  
4px 4px #2B3200; box-shadow:4px 4px 4px  
4px #2B3200 }
```

Background

The CSS property to change the background color of an element to Hex 2B3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B3200 }
```

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

```
.background{ background-color:#2B3200 }
```

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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