

Converting Colors

Hex(2D3304)

Have a look what the booklet for
Hex(2D3304) contains.

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Color

Hex(2D3304)

Conversions

Conversions Part 1

Format	Color
Hex	2D3304
RGB	45, 51, 4
RGB Percent	18%, 20%, 2%
CMY	0.8235, 0.8000, 0.9843
CMYK	0.12, 0.00, 0.92, 0.80
HSL	68°, 85%, 11%
HSV	68°, 92%, 20%
XYZ	2.2879, 2.9343, 0.5607
YIQ	43.8480, 11.5110, -15.8890

Conversions

Conversions Part 2

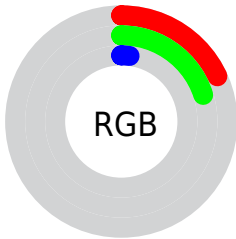
Format	Color
R_{YB}	4, 51, 10
Decimal	2962180
CIE Lab	19.78, -9.85, 26.08
CIE LCh	20, 27.881, 110.691
Yxy	2.9343, 0.3956, 0.5074
Android (android.graphics.Color)	4281152260 (0xFF2D3304)
YUV	43.8480, -19.6451, 1.0103
Hunter-Lab	17.1298, -6.1360, 10.0503

Details

The Hex color **2D3304** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0A0433**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **5C6132**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C3300**, and if you desaturate by 10%, it is **2E3309**.

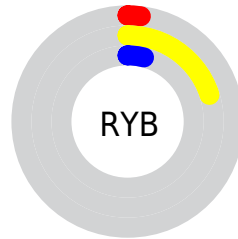
Distribution



Red (18%)

Green (20%)

Blue (2%)



Red (2%)

Yellow (20%)

Blue (4%)

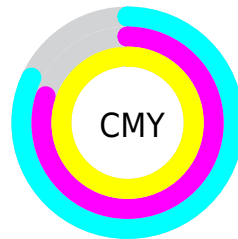


Cyan (12%)

Magenta (0%)

Yellow (92%)

Black (80%)



Cyan (82%)

Magenta (80%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D3304 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 2D3304 by changing the saturation by 10% instead.

 2D3304

 2D3304

 FFFFE7

 171E00

 5C6132

 000000

 767A49

 909462

 AAAE7B

 C6CA95

 E2E6B0

 FFFFCB

 2D3304

 2D3304

■ 2C3300

■ 2E3309

■ 2E330E

■ 2F3313

■ 303318

■ 30331D

■ 313323

■ 323328

■ 32332D

■ 333332

Harmonies

Analogous

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



402D02



2D3304



133715

Triad

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



2D3304



00384F



511D37

Complementary

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



2D3304



0A0433

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.



42244A



2D3304



003458

Square

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



2D3304



00393E



242D56



551E23

Rectangle

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



2D3304



003922



242D56



4E1F3E

Sweetspot

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



2D3304



404230



330904



202116



A1A1A1



212121

Same Dimension

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



2D3304



3A4200



163304



191A17



4E5900



BDD900

Inverse Universe

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



0A0433



080042



210433



17171A



0B0059



1C00D9

Previews

White Background



This preview shows how the Hex color 2D3304 looks on a white background.

Color Contrast Check

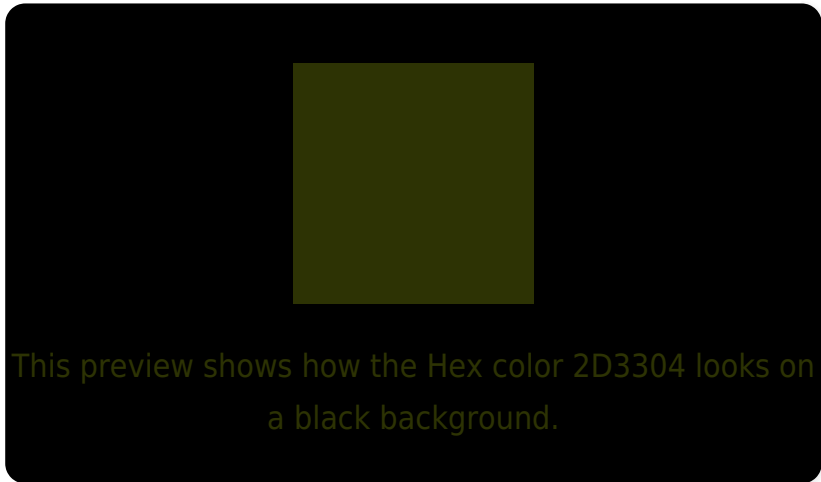
Large Text (above 18pt) WCAG AA ✓ Pass

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

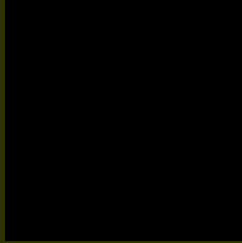
Any Text WCAG AA × Fail

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 2D3304 Background



This preview shows how black text looks on a background with the Hex color 2D3304.



This preview shows how white text looks on a background with the Hex color 2D3304.

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
2D3304

Protanopia
363002

Deuteranopia
3D2E09



Tritanopia
312F33

Trichromacy



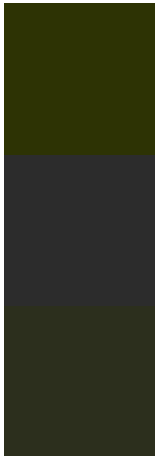
Original Color
2D3304

Protanomaly
333103

Deuteranomaly
373007

Tritanomaly
303022

Monochromacy



Original Color
2D3304

Achromatopsia
2C2C2C

Achromatomaly
2C2F1D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D3304 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 #2D3304 looks like.

```
.text, #text, p{  
    color:#2D3304  
}
```

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 #2D3304 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D3304
}
```

Border

The CSS property to change the border of an element to Hex 2D3304 is called "border". The border property can be set on classes, ids or directly on the HTML element.

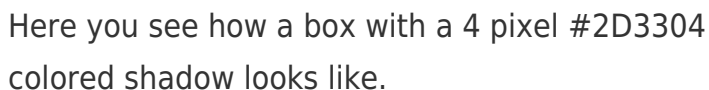
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D3304 }
```

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

```
.border{ border-color:#2D3304 }
```

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



Here you see how a box with a 4 pixel #2D3304 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D3304; -webkit-box-shadow:4px 4px  
4px 4px #2D3304; box-shadow:4px 4px 4px  
4px #2D3304 }
```

Background

The CSS property to change the background color of an element to Hex 2D3304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D3304 }
```

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

```
.background{ background-color:#2D3304 }
```

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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