

Converting Colors

Hex(2C2400)

Have a look what the booklet for
Hex(2C2400) contains.

Hex(2C2400)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2C2400)

Conversions

Conversions Part 1

Format	Color
Hex	2C2400
RGB	44, 36, 0
RGB Percent	17%, 14%, 0%
CMY	0.8275, 0.8588, 1.0000
CMYK	0.00, 0.18, 1.00, 0.83
HSL	49°, 100%, 9%
HSV	49°, 100%, 17%
XYZ	1.6696, 1.7972, 0.2589
YIQ	34.2880, 16.3240, -9.5000

Conversions

Conversions Part 2

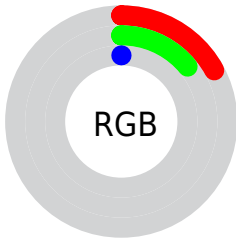
Format	Color
RYB	10, 44, 0
Decimal	2892800
CIELab	14.38, -0.99, 21.10
CIELCh	14, 21.122, 92.699
Yxy	1.7972, 0.4481, 0.4824
Android (android.graphics.Color)	4281082880 (0xFF2C2400)
YUV	34.2880, -16.9040, 8.5174
Hunter-Lab	13.4061, -1.2303, 8.2392

Details

The Hex color **2C2400** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **00082C**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **5B502F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C2400**, and if you desaturate by 10%, it is **2C2504**.

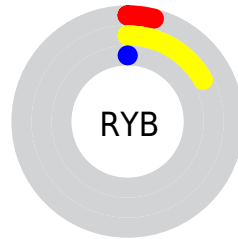
Distribution



Red (17%)

Green (14%)

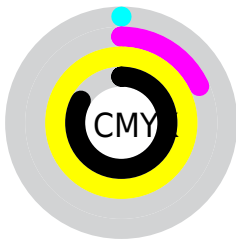
Blue (0%)



Red (4%)

Yellow (17%)

Blue (0%)

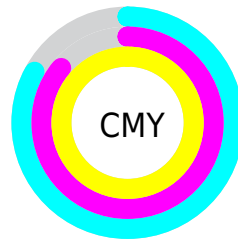


Cyan (0%)

Magenta (18%)

Yellow (100%)

Black (83%)



Cyan (83%)

Magenta (86%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C2400 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 2C2400 by changing the saturation by 10% instead.

 2C2400

 2C2400

 FFFFE2

 130F00

 5B502F

 000000

 746846

 8E815E

 A99B77

 C4B690

 E0D2AB

 FDEEC6

 2C2400

■ 2C2504

■ 2C2609

■ 2C260D

■ 2C2712

■ 2C2816

■ 2C291A

■ 2C2A1F

■ 2C2A23

■ 2C2B28

Harmonies

Analogous

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



371F06



2C2400



1D2807

Triad

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



2C2400



002B34



371A32

Complementary

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



2C2400



00082C

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.



27203D



2C2400



00293E

Square

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



2C2400



002C25



072642



3F1724

Rectangle

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



2C2400



0F2A12



072642



331C37

Sweetspot

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



2C2400



383527



2C0008



1C1A12



9C9C9C



1C1C1C

Same Dimension

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



2C2400



382E00



1E2C00



171715



574700



D6AF00

Inverse Universe

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



00082C



000A38



0E002C



151517



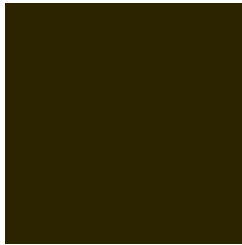
001057



0027D6

Previews

White Background



This preview shows how the Hex color 2C2400 looks on a white background.

Color Contrast Check

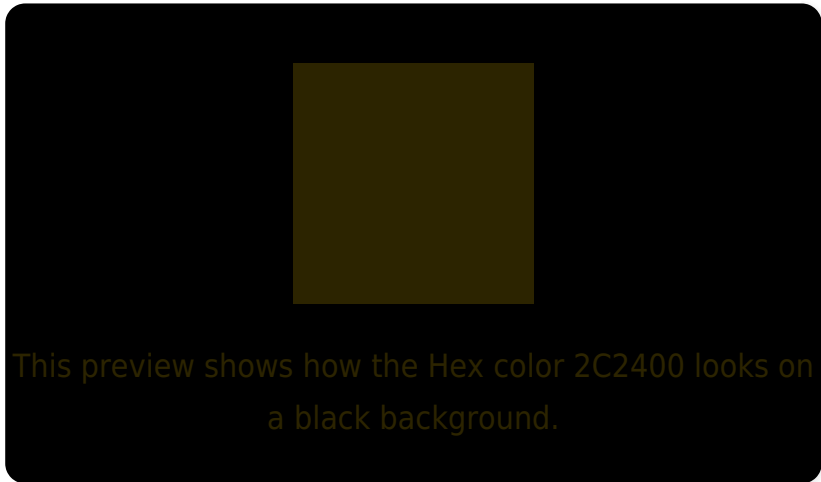
Large Text (above 18pt) WCAG AA ✓ Pass

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

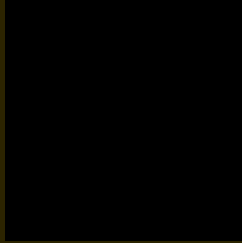
Any Text WCAG AA × Fail

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 2C2400 Background



This preview shows how black text looks on a background with the Hex color 2C2400.



This preview shows how white text looks on a background with the Hex color 2C2400.

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
2C2400

Protanopia
2A2502

Deuteranopia
2F2303



Tritanopia
2E2124

Trichromacy



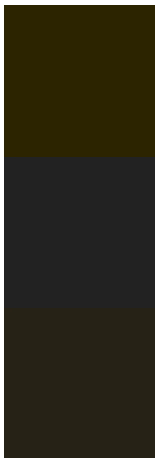
Original Color
2C2400

Protanomaly
2B2501

Deuteranomaly
2E2302

Tritanomaly
2D2217

Monochromacy



Original Color
2C2400

Achromatopsia
222222

Achromatomaly
262316

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C2400 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 #2C2400 looks like.

```
.text, #text, p{  
    color:#2C2400  
}
```

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 #2C2400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C2400
}
```

Border

The CSS property to change the border of an element to Hex 2C2400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

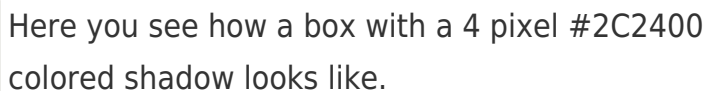
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C2400 }
```

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

```
.border{ border-color:#2C2400 }
```

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



Here you see how a box with a 4 pixel #2C2400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C2400; -webkit-box-shadow:4px 4px  
4px 4px #2C2400; box-shadow:4px 4px 4px  
4px #2C2400 }
```

Background

The CSS property to change the background color of an element to Hex 2C2400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C2400 }
```

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

```
.background{ background-color:#2C2400 }
```

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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