

Converting Colors

Hex(C24300)

Have a look what the booklet for
Hex(C24300) contains.

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Color

Hex(C24300)

Conversions

Conversions Part 1

Format	Color
Hex	C24300
RGB	194, 67, 0
RGB Percent	76%, 26%, 0%
CMY	0.2392, 0.7373, 1.0000
CMYK	0.00, 0.65, 1.00, 0.24
HSL	21°, 100%, 38%
HSV	21°, 100%, 76%
XYZ	24.2553, 15.4836, 1.7102
YIQ	97.3350, 97.1990, 6.0870

Conversions

Conversions Part 2

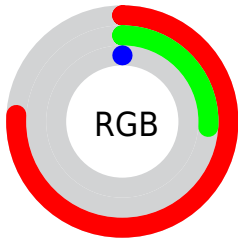
Format	Color
RYB	194, 102, 0
Decimal	12731136
CIELab	46.29, 48.66, 57.31
CIELCh	46, 75.178, 49.668
Yxy	15.4836, 0.5852, 0.3736
Android (android.graphics.Color)	4290921216 (0xFFC24300)
YUV	97.3350, -47.9862, 84.7752
Hunter-Lab	39.3493, 41.1680, 24.9675

Details

The Hex color **C24300** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **007FC2**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF793A**, and **840000** is the 20% darker color. If you saturate the color by 10%, you get **C24300**, and if you desaturate by 10%, it is **C25013**.

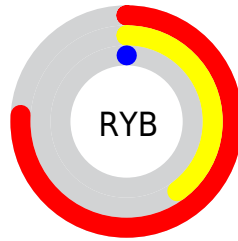
Distribution



Red (76%)

Green (26%)

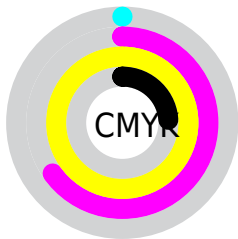
Blue (0%)



Red (76%)

Yellow (40%)

Blue (0%)

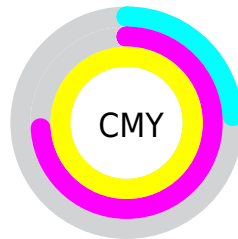


Cyan (0%)

Magenta (65%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (74%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C24300 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 C24300 by changing the saturation by 10% instead.

 C24300

 C24300

 FFFFFFF7

 A32700

 FF793A

 840000

 FF9453

 650000

 FFAF6D

 480000

 FFCC87

 2D0001

 FFE9A2

 000000

 FFFFBE

 FFFFFDA

 C24300

 C25013

 C25C27

 C2693A

 C2764E

 C28361

 C28F74

 C29C88

 C2A99B

 C2B5AF

Harmonies

Analogous

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



D81248



C24300



986300

Triad

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



C24300



008755



0A67E6

Complementary

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



C24300



007FC2

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.



007CEB



C24300



008897

Square

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



C24300



008205



0086CE



A144C0

Rectangle

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



C24300



737200



0086CE



0070EC

Sweetspot

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



C24300



FCCBB1



C20081



806152



000000



808080

Same Dimension

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



C24300



FC5700



C2A200



615B57



A13700



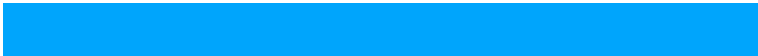
210B00

Inverse Universe

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



007FC2



00A5FC



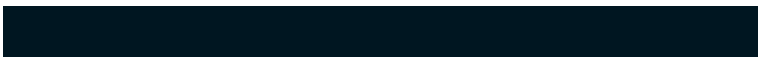
0020C2



575E61



0069A1



001621

Previews

White Background



This preview shows how the Hex color C24300 looks on a white background.

Color Contrast Check

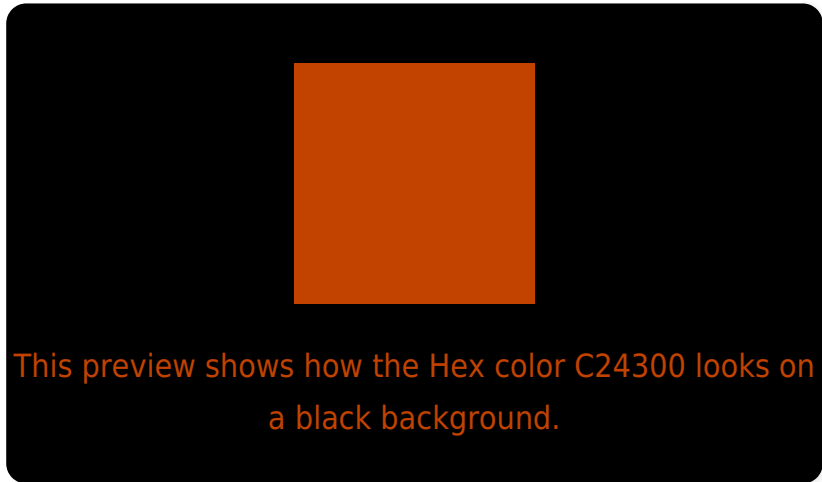
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 C24300 Background



This preview shows how black text looks on a background with the Hex color C24300.



This preview shows how white text looks on a background with the Hex color C24300.

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
C24300

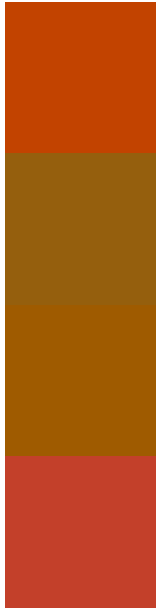
Protanopia
7C6F14

Deuteranopia
8B6900



Tritanopia
C33E42

Trichromacy



Original Color
C24300

Protanomaly
955F0D

Deuteranomaly
9F5B00

Tritanomaly
C3402A

Monochromacy



Original Color
C24300

Achromatopsia
616161

Achromatomaly
84563E

CSS Examples

Text

The CSS property to change the color of the text to Hex C24300 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 #C24300 looks like.

```
.text, #text, p{  
    color:#C24300  
}
```

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 #C24300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C24300
}
```

Border

The CSS property to change the border of an element to Hex C24300 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
#C24300 }
```

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

```
.border{ border-color:#C24300 }
```

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

Here you see how a box with a 4 pixel #C24300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C24300; -webkit-box-shadow:4px 4px  
4px 4px #C24300; box-shadow:4px 4px 4px  
4px #C24300 }
```

Background

The CSS property to change the background color of an element to Hex C24300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C24300 }
```

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

```
.background{ background-color:#C24300 }
```

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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