

Converting Colors

Hex(D24008)

Have a look what the booklet for
Hex(D24008) contains.

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Color

Hex(D24008)

Conversions

Conversions Part 1

Format	Color
Hex	D24008
RGB	210, 64, 8
RGB Percent	82%, 25%, 3%
CMY	0.1765, 0.7490, 0.9686
CMYK	0.00, 0.70, 0.96, 0.18
HSL	17°, 93%, 43%
HSV	17°, 96%, 82%
XYZ	28.4556, 17.3860, 2.0858
YIQ	101.2700, 104.9920, 13.5360

Conversions

Conversions Part 2

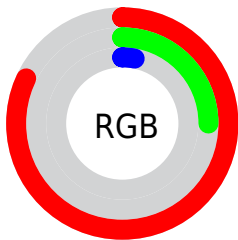
Format	Color
RYB	210, 85, 8
Decimal	13778952
CIELab	48.74, 55.42, 58.11
CIELCh	49, 80.304, 46.356
Yxy	17.3860, 0.5937, 0.3628
Android (android.graphics.Color)	4291969032 (0xFFD24008)
YUV	101.2700, -45.9821, 95.3562
Hunter-Lab	41.6965, 48.8477, 26.2217

Details

The Hex color **D24008** 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 **089AD2**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF783F**, and **920000** is the 20% darker color. If you saturate the color by 10%, you get **D23A00**, and if you desaturate by 10%, it is **D24F1D**.

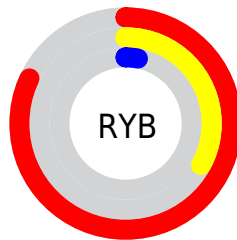
Distribution



Red (82%)

Green (25%)

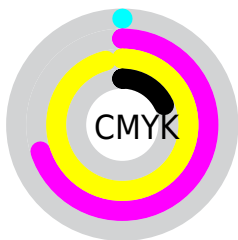
Blue (3%)



Red (82%)

Yellow (33%)

Blue (3%)

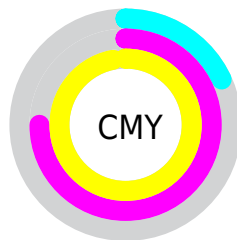


Cyan (0%)

Magenta (70%)

Yellow (96%)

Black (18%)



Cyan (18%)

Magenta (75%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color D24008 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 D24008 by changing the saturation by 10% instead.

 D24008

 D24008

FFFFFFD

 B22100

 FF783F

 920000

 FF9359

 730000

 FFB072

 550000

 FFCC8D

 390002

 FFE9A8

 110000

 FFFFC4

 000000

 FFFFEO

 D24008

 D24008

 D23A00

 D24F1D

 D25E32

 D26E47

 D27D5C

 D28C71

 D29B86

 D2AA9B

 D2B9B0

 D2C9C5

Harmonies

Analogous

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



E70052



D24008



A66500

Triad

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



D24008



008E51



0070F8

Complementary

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



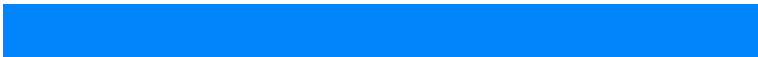
D24008



089AD2

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.



0085FA



D24008



009098

Square

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



D24008



008800



008ED6



A24BD3

Rectangle

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



D24008



807600



008ED6



0079FD

Sweetspot

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



D24008



FFCAB5



D2089C



805F53



000000



808080

Same Dimension

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



D24008



FF4700



D2A308



69615E



A82F00



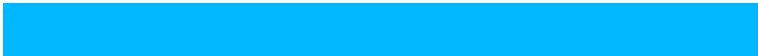
290B00

Inverse Universe

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



089AD2



00B8FF



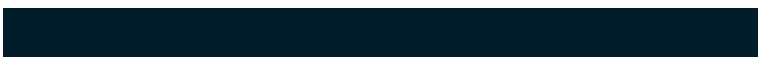
0837D2



5E6669



007AA8



001D29

Previews

White Background



This preview shows how the Hex color D24008 looks on a white background.

Color Contrast Check

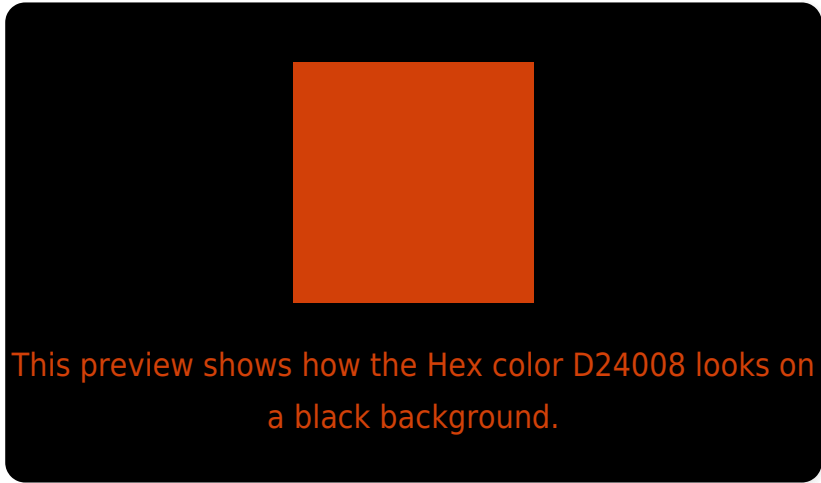
Large Text (above 18pt) WCAG AA ✓ Pass

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 D24008 Background



This preview shows how black text looks on a background with the Hex color D24008.



This preview shows how white text looks on a background with the Hex color D24008.

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
D24008

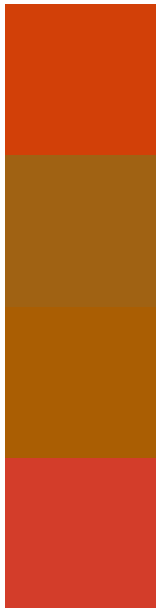
Protanopia
837519

Deuteranopia
936F00



Tritanopia
D33C3E

Trichromacy



Original Color
D24008

Protanomaly
A06213

Deuteranomaly
AA5E03

Tritanomaly
D33D2A

Monochromacy



Original Color
D24008

Achromatopsia
656565

Achromatomaly
8D5843

CSS Examples

Text

The CSS property to change the color of the text to Hex D24008 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 #D24008 looks like.

```
.text, #text, p{  
  color:#D24008  
}
```

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 #D24008 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D24008
}
```

Border

The CSS property to change the border of an element to Hex D24008 is called "border". The border property can be set on classes, ids or directly on the HTML element.

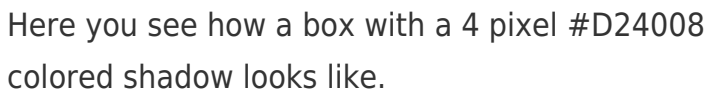
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D24008 }
```

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

```
.border{ border-color:#D24008 }
```

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



Here you see how a box with a 4 pixel #D24008 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D24008; -webkit-box-shadow:4px 4px  
4px 4px #D24008; box-shadow:4px 4px 4px  
4px #D24008 }
```

Background

The CSS property to change the background color of an element to Hex D24008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D24008 }
```

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

```
.background{ background-color:#D24008 }
```

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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