

Converting Colors

Hex(DC9423)

Have a look what the booklet for
Hex(DC9423) contains.

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Color

Hex(DC9423)

Conversions

Conversions Part 1

Format	Color
Hex	DC9423
RGB	220, 148, 35
RGB Percent	86%, 58%, 14%
CMY	0.1373, 0.4196, 0.8627
CMYK	0.00, 0.33, 0.84, 0.14
HSL	37°, 73%, 50%
HSV	37°, 84%, 86%
XYZ	40.4085, 36.5168, 6.5088
YIQ	156.6460, 79.1850, -19.8790

Conversions

Conversions Part 2

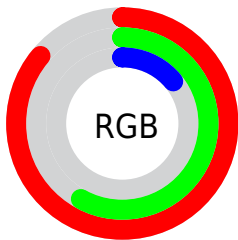
Format	Color
RYB	153, 220, 35
Decimal	14455843
CIELab	66.91, 18.58, 64.75
CIElCh	67, 67.366, 73.988
Yxy	36.5168, 0.4843, 0.4377
Android (android.graphics.Color)	4292645923 (0xFFDC9423)
YUV	156.6460, -59.9715, 55.5615
Hunter-Lab	60.4291, 13.6105, 35.9143

Details

The Hex color **DC9423** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **236BDC**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFCA5B**, and **9F6100** is the 20% darker color. If you saturate the color by 10%, you get **DC8B0D**, and if you desaturate by 10%, it is **DC9D39**.

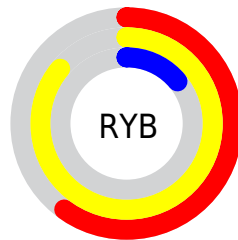
Distribution



Red (86%)

Green (58%)

Blue (14%)



Red (60%)

Yellow (86%)

Blue (14%)

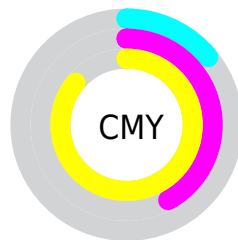


Cyan (0%)

Magenta (33%)

Yellow (84%)

Black (14%)



Cyan (14%)

Magenta (42%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC9423 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 DC9423 by changing the saturation by 10% instead.

 DC9423

 DC9423

FFFFFF

 BD7A00

 FFCA5B

 9F6100

 FFE676

 824900

 FFFF92

 653300

 FFFFAD

 491D00

 FFFFC A

 2F0800

 FFFF E7

 0D0000

 000000

 DC9423

 DC9423

 DC8B0D

 DC9D39

 DC8600

 DCA54F

 DCAE65

 DCB67B

 DCBF91

 DCC7A7

 DCD0BD

 DCD8D3

 DCE1E9

Harmonies

Analogous

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



FF7B51



DC9423



A7A919

Triad

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



DC9423



00C0BE



CA86FB

Complementary

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



DC9423



236BDC

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.



5EA0FF



DC9423



00BDF6

Square

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



DC9423



00BD7F



00B3FF



FF6EC6

Rectangle

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



DC9423



7BB234



00B3FF



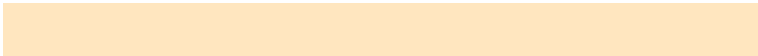
AE8FFF

Sweetspot

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



DC9423



FFE6BF



DC236D



807159



000000



808080

Same Dimension

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



DC9423



FF9C00



CADC23



6E6963



AD6A00



2E1C00

Inverse Universe

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



236BDC



0063FF



3523DC



63676E



0043AD



00122E

Previews

White Background



This preview shows how the Hex color DC9423 looks on a white background.

Color Contrast Check

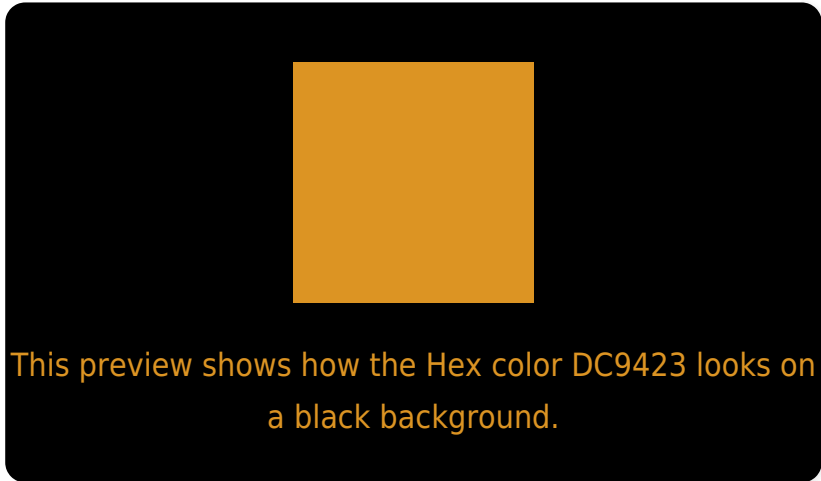
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex DC9423 Background



This preview shows how black text looks on a background with the Hex color DC9423.



This preview shows how white text looks on a background with the Hex color DC9423.

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
DC9423

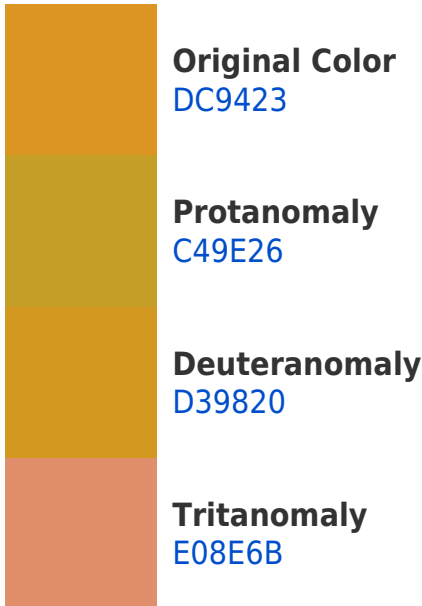
Protanopia
B7A427

Deuteranopia
CE9B1F



Tritanopia
E28A94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DC9423 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 #DC9423 looks like.

```
.text, #text, p{  
    color:#DC9423  
}
```

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 #DC9423 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC9423
}
```

Border

The CSS property to change the border of an element to Hex DC9423 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
#DC9423 }
```

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

```
.border{ border-color:#DC9423 }
```

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

Here you see how a box with a 4 pixel #DC9423 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC9423; -webkit-box-shadow:4px 4px  
4px 4px #DC9423; box-shadow:4px 4px 4px  
4px #DC9423 }
```

Background

The CSS property to change the background color of an element to Hex DC9423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC9423 }
```

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

```
.background{ background-color:#DC9423 }
```

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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