

# Converting Colors

Hex(DC9123)

Have a look what the booklet for  
Hex(DC9123) contains.

<b>Hex(DC9123)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(DC9123)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DC9123
RGB	220, 145, 35
RGB Percent	86%, 57%, 14%
CMY	0.1373, 0.4314, 0.8627
CMYK	0.00, 0.34, 0.84, 0.14
HSL	36°, 73%, 50%
HSV	36°, 84%, 86%
XYZ	39.9440, 35.5878, 6.3540
YIQ	154.8850, 80.0100, -18.3100

# Conversions

## Conversions Part 2

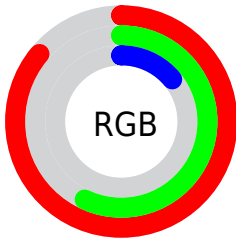
Format	Color
<a href="#">RYB</a>	<a href="#">161, 220, 35</a>
Decimal	<a href="#">14455075</a>
CIELab	<a href="#">66.20, 20.19, 64.16</a>
CIElCh	<a href="#">66, 67.258, 72.529</a>
Yxy	<a href="#">35.5878, 0.4878, 0.4346</a>
Android (android.graphics.Color)	<a href="#">4292645155 (0xFFDC9123)</a>
YUV	<a href="#">154.8850, -59.1033, 57.1059</a>
Hunter-Lab	<a href="#">59.6555, 15.1224, 35.4438</a>

# Details

The Hex color **DC9123** 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 **236EDC**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFC75B**, and **9F5E00** is the 20% darker color. If you saturate the color by 10%, you get **DC880D**, and if you desaturate by 10%, it is **DC9A39**.

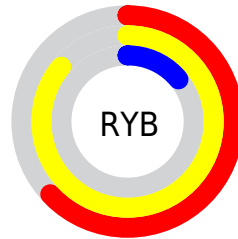
# Distribution



Red (86%)

Green (57%)

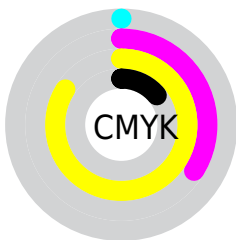
Blue (14%)



Red (63%)

Yellow (86%)

Blue (14%)

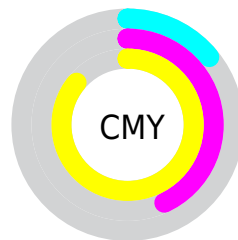


Cyan (0%)

Magenta (34%)

Yellow (84%)

Black (14%)



Cyan (14%)

Magenta (43%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC9123 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 DC9123 by changing the saturation by 10% instead.



 DC9123

 DC9123

FFFFFF

 BD7700

 FFC75B

 9F5E00

 FFE376

 824700

 FFFF91

 653000

 FFFFAD

 491A00

 FFFFC9

 2E0500

 FFFFEE

 0A0000

 000000

 DC9123

 DC9123

■ DC880D

■ DC9A39

■ DC8300

■ DCA34F

■ DCAC65

■ DCB57B

■ DCBE91

■ DCC7A7

■ DCCFBD

■ DCD8D3

■ DCE1E9

# Harmonies

## Analogous

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



FF7852



DC9123



A8A615

# Triad

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



DC9123



00BEB9



C485FB

# Complementary

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



DC9123



236EDC

# 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.



529FFF



DC9123



00BBF1

# Square

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



DC9123



00BB7A



00B1FF



FC6DC7

# Rectangle

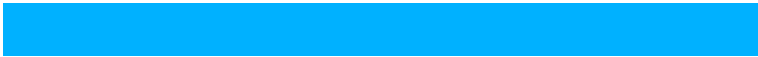
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DC9123



7DB030



00B1FF



A88FFF

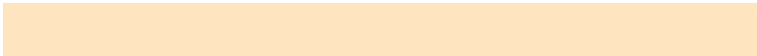


# Sweetspot

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



DC9123



FFE5BF



DC2370



807059



000000



808080



# Same Dimension

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



DC9123



FF9800



CDDC23



6E6963



AD6700



2E1B00



# Inverse Universe

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



236EDC



0067FF



3223DC



63676E



0046AD



00132E



# Previews

## White Background



This preview shows how the Hex color DC9123 looks on a white background.

## Color Contrast Check

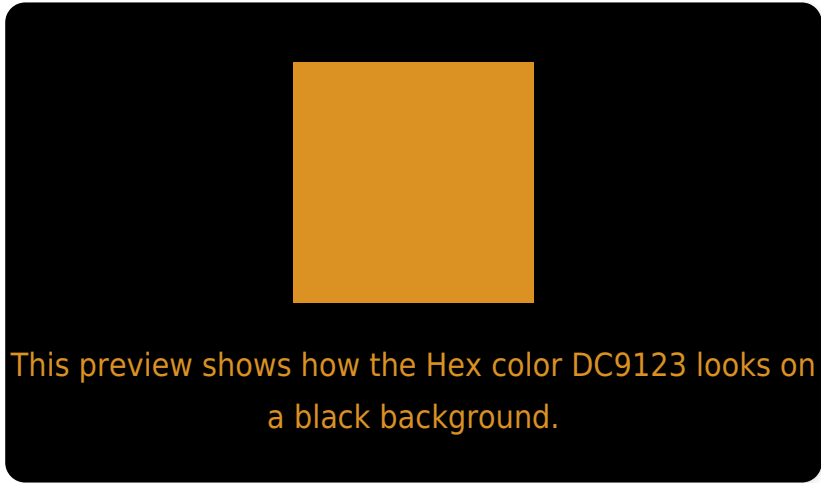
Large Text (above 18pt) WCAG AA × Fail

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 DC9123 Background



This preview shows how black text looks on a background with the Hex color DC9123.



This preview shows how white text looks on a background with the Hex color DC9123.

# 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**  
DC9123

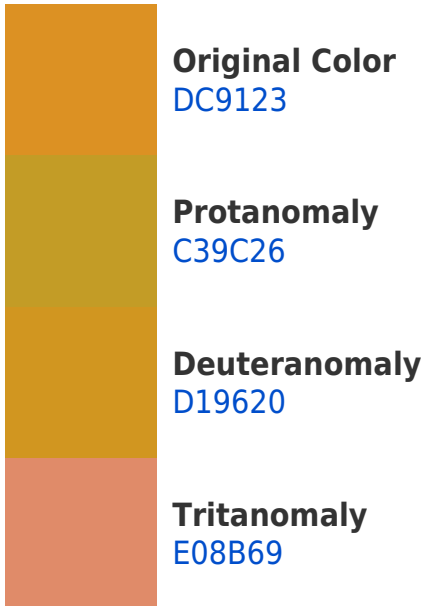
**Protanopia**  
B5A227

**Deuteranopia**  
CB991F

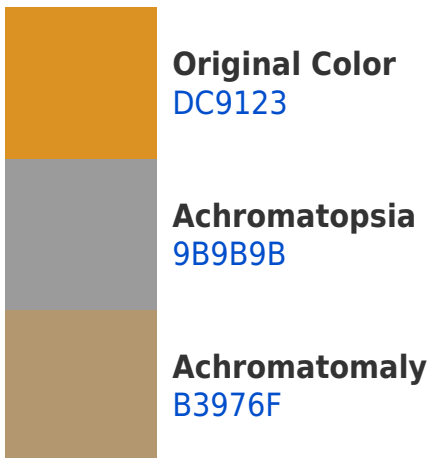


**Tritanopia**  
E28791

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC9123 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 #DC9123 looks like.

```
.text, #text, p{  
    color:#DC9123  
}
```

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 #DC9123 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC9123
}
```

## Border

The CSS property to change the border of an element to Hex DC9123 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
#DC9123 }
```

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

```
.border{ border-color:#DC9123 }
```

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

Here you see how a box with a 4 pixel #DC9123 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC9123; -webkit-box-shadow:4px 4px  
4px 4px #DC9123; box-shadow:4px 4px 4px  
4px #DC9123 }
```

# Background

The CSS property to change the background color of an element to Hex DC9123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC9123 }
```

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

```
.background{ background-color:#DC9123 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor