

Converting Colors

Hex(DC9D23)

Have a look what the booklet for
Hex(DC9D23) contains.

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Color

Hex(DC9D23)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DC9D23 |
| RGB | 220, 157, 35 |
| RGB Percent | 86%, 62%, 14% |
| CMY | 0.1373, 0.3843, 0.8627 |
| CMYK | 0.00, 0.29, 0.84, 0.14 |
| HSL | 40°, 73%, 50% |
| HSV | 40°, 84%, 86% |
| XYZ | 41.8755, 39.4509, 6.9978 |
| YIQ | 161.9290, 76.7100, -24.5860 |

Conversions

Conversions Part 2

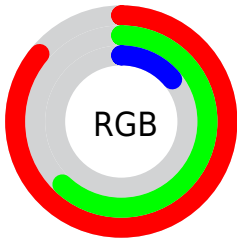
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 131, 220, 35 |
| Decimal | 14458147 |
| CIELab | 69.08, 13.75, 66.57 |
| CIELCh | 69, 67.977, 78.329 |
| Yxy | 39.4509, 0.4741, 0.4467 |
| Android (android.graphics.Color) | 4292648227 (0xFFDC9D23) |
| YUV | 161.9290, -62.5760, 50.9283 |
| Hunter-Lab | 62.8100, 9.0889, 37.3613 |

Details

The Hex color **DC9D23** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **2362DC**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFD35C**, and **A06A00** is the 20% darker color. If you saturate the color by 10%, you get **DC960D**, and if you desaturate by 10%, it is **DCA439**.

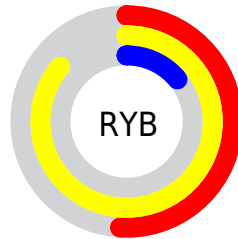
Distribution



Red (86%)

Green (62%)

Blue (14%)



Red (51%)

Yellow (86%)

Blue (14%)

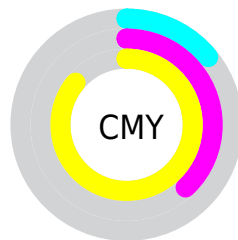


Cyan (0%)

Magenta (29%)

Yellow (84%)

Black (14%)



Cyan (14%)

Magenta (38%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC9D23 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 DC9D23 by changing the saturation by 10% instead.

 DC9D23

 DC9D23

FFFFFF

 BE8300

 FFD35C

 A06A00

 FFF078

 835200

 FFFF93

 663B00

 FFFFAF

 4A2500

 FFFFCC

 301100

 FFFFEE

 150000

 000000

 DC9D23

 DC9D23

■ DC960D

■ DCA439

■ DC9100

■ DCAC4F

■ DCB365

■ DCBB7B

■ DCC291

■ DCCAA7

■ DCD1BD

■ DCD9D3

■ DCE0E9

Harmonies

Analogous

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



FF844E



DC9D23



A4B123

Triad

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



DC9D23



00C6CE



DB87FB

Complementary

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



DC9D23



2362DC

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.



7AA2FF



DC9D23



00C2FF

Square

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



DC9D23



00C48E



00B7FF



FF71C3

Rectangle

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



DC9D23



76BA40



00B7FF



C191FF

Sweetspot

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



DC9D23



FFE9BF



DC2364



807259



000000



808080

Same Dimension

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



DC9D23



FFA800



C0DC23



6E6A63



AD7200



2E1E00

Inverse Universe

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



2362DC



0057FF



3F23DC



63666E



003BAD



00102E

Previews

White Background



This preview shows how the Hex color DC9D23 looks on a white background.

Color Contrast Check

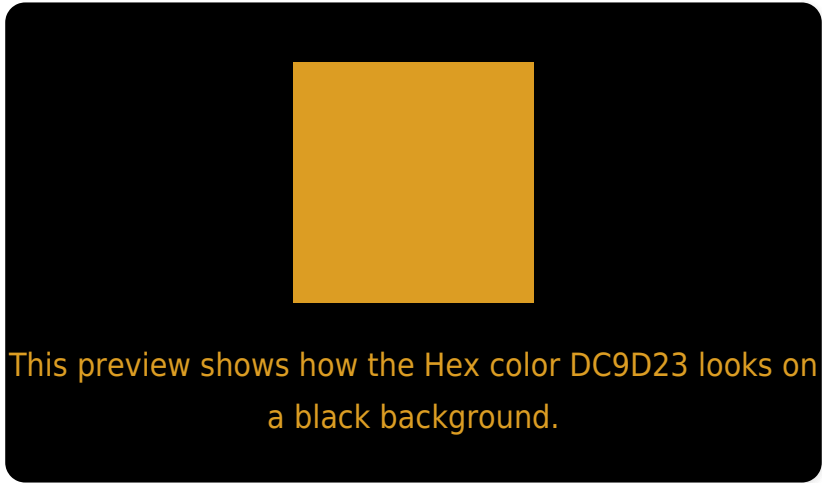
Large Text (above 18pt) WCAG AA × Fail

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 DC9D23 Background



This preview shows how black text looks on a background with the Hex color DC9D23.

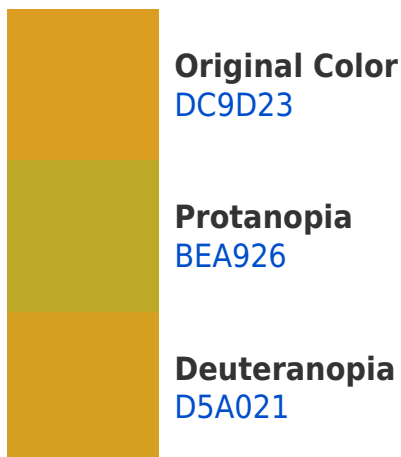



This preview shows how white text looks on a background with the Hex color DC9D23.

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](#).

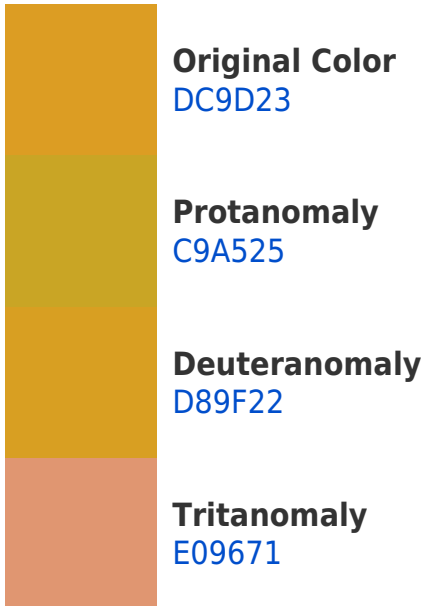
Dichromacy



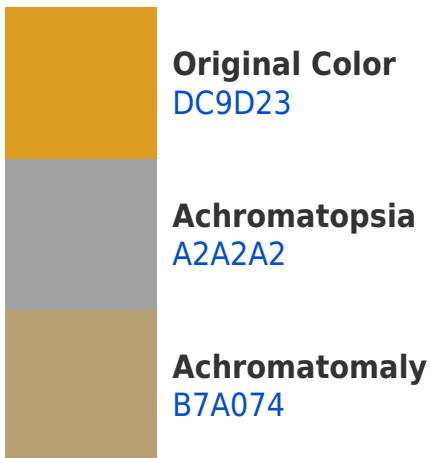


Tritanopia
E3929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DC9D23 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 #DC9D23 looks like.

```
.text, #text, p{  
    color:#DC9D23  
}
```

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 #DC9D23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC9D23  
}
```

Border

The CSS property to change the border of an element to Hex DC9D23 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  
#DC9D23 }
```

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

```
.border{ border-color:#DC9D23 }
```

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

Here you see how a box with a 4 pixel #DC9D23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC9D23; -webkit-box-shadow:4px 4px  
4px 4px #DC9D23; box-shadow:4px 4px 4px  
4px #DC9D23 }
```

Background

The CSS property to change the background color of an element to Hex DC9D23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC9D23 }
```

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

```
.background{ background-color:#DC9D23 }
```

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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