

Converting Colors

Hex(D9B323)

Have a look what the booklet for
Hex(D9B323) contains.

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Color

Hex(D9B323)

Conversions

Conversions Part 1

Format	Color
Hex	D9B323
RGB	217, 179, 35
RGB Percent	85%, 70%, 14%
CMY	0.1490, 0.2980, 0.8627
CMYK	0.00, 0.18, 0.84, 0.15
HSL	47°, 72%, 49%
HSV	47°, 84%, 85%
XYZ	45.0387, 47.1133, 8.3101
YIQ	173.9460, 68.8720, -36.7280

Conversions

Conversions Part 2

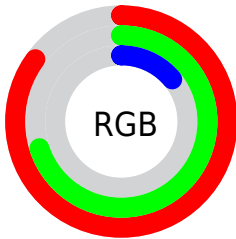
Format	Color
RYB	83, 217, 35
Decimal	14267171
CIELab	74.26, 0.75, 70.79
CIElCh	74, 70.793, 89.394
Yxy	47.1133, 0.4483, 0.4690
Android (android.graphics.Color)	4292457251 (0xFFD9B323)
YUV	173.9460, -68.5004, 37.7584
Hunter-Lab	68.6391, -2.9925, 40.8692

Details

The Hex color **D9B323** 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 **2349D9**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFEA5F**, and **9D7F00** is the 20% darker color. If you saturate the color by 10%, you get **D9AE0D**, and if you desaturate by 10%, it is **D9B839**.

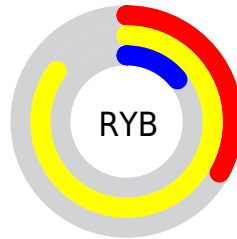
Distribution



Red (85%)

Green (70%)

Blue (14%)



Red (33%)

Yellow (85%)

Blue (14%)

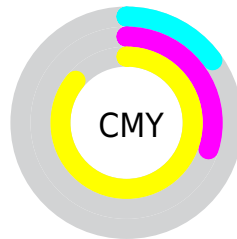


Cyan (0%)

Magenta (18%)

Yellow (84%)

Black (15%)



Cyan (15%)

Magenta (30%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9B323 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 D9B323 by changing the saturation by 10% instead.

 D9B323

 D9B323

FFFFFF

 BB9800

 FFEA5F

 9D7F00

 FFFF7B

 816600

 FFFF97

 644E00

 FFFFB3

 493800

 FFFFD0

 2F2300

 FFFFEE

 160E00

 000000

 D9B323

 D9B323

 D9AE0D

 D9B839

 D9AC00

 D9BC4E

 D9C164

 D9C57A

 D9CA90

 D9CEA5

 D9D3BB

 D9D7D1

 D9DCE6

Harmonies

Analogous

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



FF9A44



D9B323



98C53A

Triad

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



D9B323



00D5F5



FF8AFA

Complementary

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



D9B323



2349D9

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.



B4A6FF



D9B323



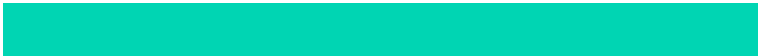
00CEFF

Square

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



D9B323



00D5B3



00BEFF



FF78BB

Rectangle

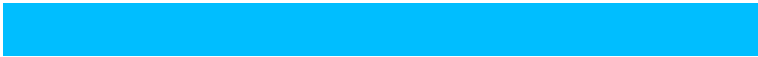
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D9B323



5FCD5D



00BEFF



EE93FF

Sweetspot

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



D9B323



FFF2BF



D9234A



807859



000000



808080

Same Dimension

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



D9B323



FFCA00



A5D923



6E6B63



AD8900



2E2400

Inverse Universe

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



2349D9



0035FF



5723D9



63656E



0024AD



000A2E

Previews

White Background



This preview shows how the Hex color D9B323 looks on a white background.

Color Contrast Check

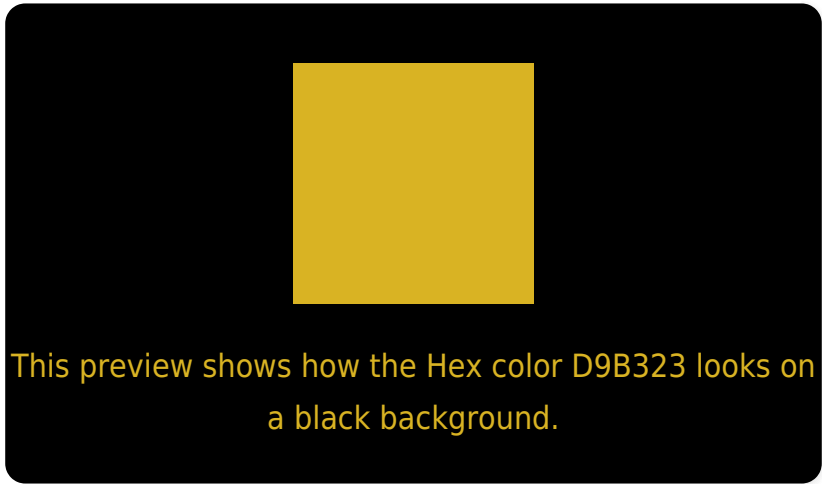
Large Text (above 18pt) WCAG AA × Fail

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 D9B323 Background



This preview shows how black text looks on a background with the Hex color D9B323.



This preview shows how white text looks on a background with the Hex color D9B323.

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
D9B323

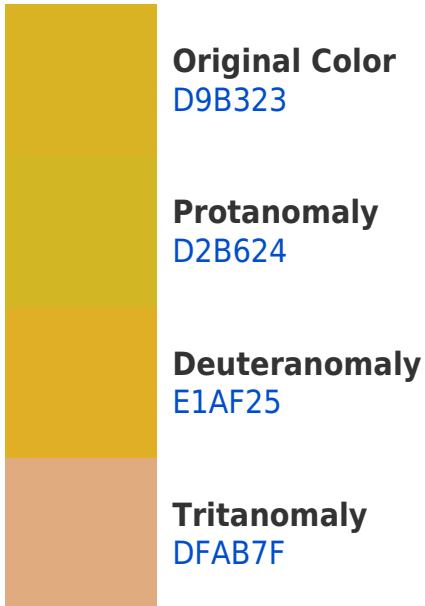
Protanopia
CEB724

Deuteranopia
E6AD26

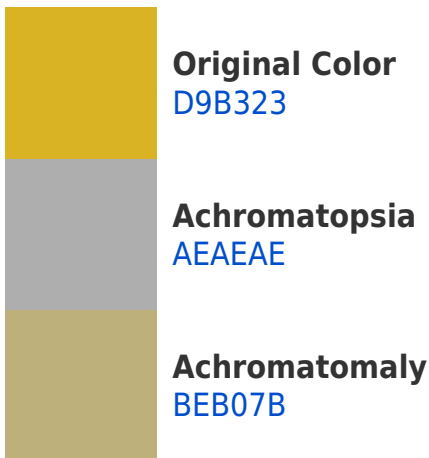


Tritanopia
E2A7B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D9B323 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 #D9B323 looks like.

```
.text, #text, p{  
    color:#D9B323  
}
```

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 #D9B323 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9B323
}
```

Border

The CSS property to change the border of an element to Hex D9B323 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
#D9B323 }
```

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

```
.border{ border-color:#D9B323 }
```

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

Here you see how a box with a 4 pixel #D9B323 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9B323; -webkit-box-shadow:4px 4px  
4px 4px #D9B323; box-shadow:4px 4px 4px  
4px #D9B323 }
```

Background

The CSS property to change the background color of an element to Hex D9B323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9B323 }
```

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

```
.background{ background-color:#D9B323 }
```

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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