

Converting Colors

Hex(DB9C1F)

Have a look what the booklet for
Hex(DB9C1F) contains.

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Color

Hex(DB9C1F)

Conversions

Conversions Part 1

Format	Color
Hex	DB9C1F
RGB	219, 156, 31
RGB Percent	86%, 61%, 12%
CMY	0.1412, 0.3882, 0.8784
CMYK	0.00, 0.29, 0.86, 0.14
HSL	40°, 75%, 49%
HSV	40°, 86%, 86%
XYZ	41.3492, 38.9359, 6.6324
YIQ	160.5870, 77.6730, -25.5190

Conversions

Conversions Part 2

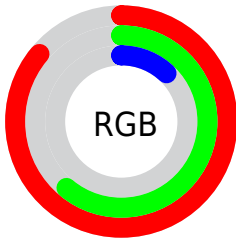
Format	Color
RYB	126, 219, 31
Decimal	14392351
CIELab	68.70, 13.75, 67.35
CIELCh	69, 68.740, 78.458
Yxy	38.9359, 0.4757, 0.4480
Android (android.graphics.Color)	4292582431 (0xFFDB9C1F)
YUV	160.5870, -63.8864, 51.2282
Hunter-Lab	62.3987, 9.0875, 37.3771

Details

The Hex color **DB9C1F** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **1F5EDB**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFD25A**, and **9F6900** is the 20% darker color. If you saturate the color by 10%, you get **DB9509**, and if you desaturate by 10%, it is **DBA335**.

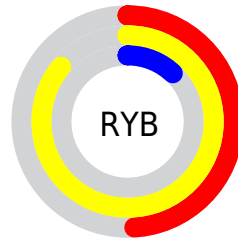
Distribution



Red (86%)

Green (61%)

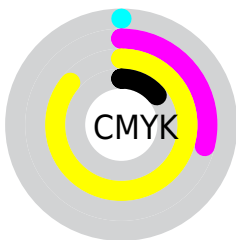
Blue (12%)



Red (49%)

Yellow (86%)

Blue (12%)

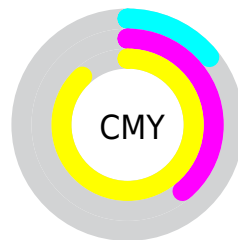


Cyan (0%)

Magenta (29%)

Yellow (86%)

Black (14%)



Cyan (14%)

Magenta (39%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB9C1F 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 DB9C1F by changing the saturation by 10% instead.

 DB9C1F

 DB9C1F

FFFFFF

 BD8200

 FFD25A

 9F6900

 FFEF75

 825100

 FFFF90

 653A00

 FFFFAC

 492500

 FFFFC9

 2F1000

 FFFFEE

 130000

 000000

 DB9C1F

 DB9C1F

 DB9509

 DBA335

 DB9200

 DBAB4B

 DBB261

 DBB977

 DBC18D

 DBC8A2

 DBCFB8

 DBD7CE

 DBDEE4

Harmonies

Analogous

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



FF824C



DB9C1F



A2B01F

Triad

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



DB9C1F



00C5CD



DB86FB

Complementary

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



DB9C1F



1F5EDB

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.



78A1FF



DB9C1F



00C1FF

Square

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



DB9C1F



00C48D



00B6FF



FF6FC2

Rectangle

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



DB9C1F



74B93E



00B6FF



C18FFF

Sweetspot

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



DB9C1F



FFE9BD



DB1F61



807258



000000



808080

Same Dimension

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



DB9C1F



FFAA00



BFDB1F



6E6A63



AD7300



2E1F00

Inverse Universe

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



1F5EDB



0055FF



3B1FDB



63666E



003AAD



000F2E

Previews

White Background



This preview shows how the Hex color DB9C1F looks on a white background.

Color Contrast Check

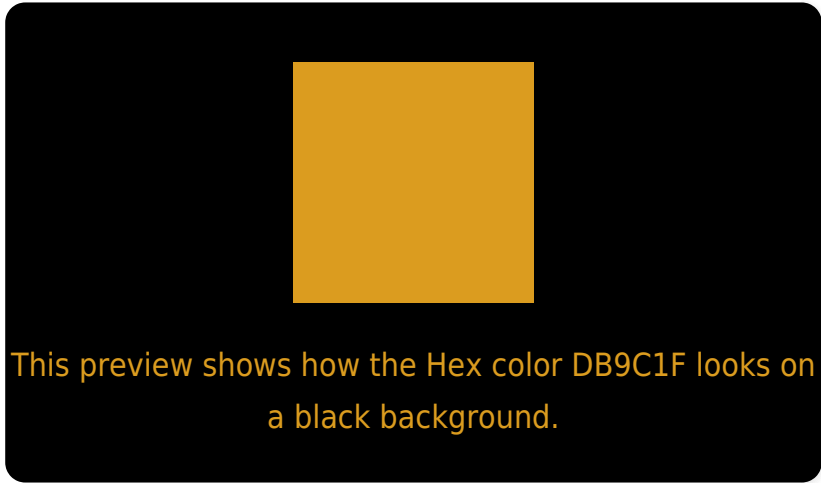
Large Text (above 18pt) WCAG AA × Fail

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 DB9C1F Background



This preview shows how black text looks on a background with the Hex color DB9C1F.



This preview shows how white text looks on a background with the Hex color DB9C1F.

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
DB9C1F

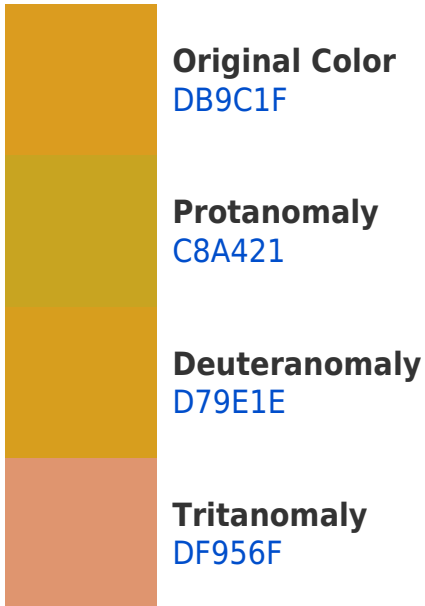
Protanopia
BDA822

Deuteranopia
D49F1D



Tritanopia
E2919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB9C1F 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 #DB9C1F looks like.

```
.text, #text, p{  
    color:#DB9C1F  
}
```

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 #DB9C1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB9C1F
}
```

Border

The CSS property to change the border of an element to Hex DB9C1F 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
#DB9C1F }
```

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

```
.border{ border-color:#DB9C1F }
```

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

Here you see how a box with a 4 pixel #DB9C1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB9C1F; -webkit-box-shadow:4px 4px  
4px 4px #DB9C1F; box-shadow:4px 4px 4px  
4px #DB9C1F }
```

Background

The CSS property to change the background color of an element to Hex DB9C1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB9C1F }
```

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

```
.background{ background-color:#DB9C1F }
```

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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