

Converting Colors

Hex(DC9F0D)

Have a look what the booklet for
Hex(DC9F0D) contains.

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Color

Hex(DC9F0D)

Conversions

Conversions Part 1

Format	Color
Hex	DC9F0D
RGB	220, 159, 13
RGB Percent	86%, 62%, 5%
CMY	0.1373, 0.3765, 0.9490
CMYK	0.00, 0.28, 0.94, 0.14
HSL	42°, 89%, 46%
HSV	42°, 94%, 86%
XYZ	41.9860, 40.0410, 5.8966
YIQ	160.5950, 83.2220, -32.4740

Conversions

Conversions Part 2

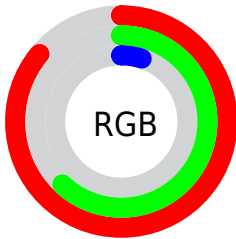
Format	Color
R _Y B	99, 220, 13
Decimal	14458637
CIE Lab	69.50, 12.27, 71.74
CIE LCh	69, 72.785, 80.297
Yxy	40.0410, 0.4775, 0.4554
Android (android.graphics.Color)	4292648717 (0xFFDC9F0D)
YUV	160.5950, -72.7643, 52.0982
Hunter-Lab	63.2779, 7.7014, 38.7696

Details

The Hex color **DC9F0D** 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 **0D4ADC**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFD551**, and **9F6C00** is the 20% darker color. If you saturate the color by 10%, you get **DC9B00**, and if you desaturate by 10%, it is **DCA523**.

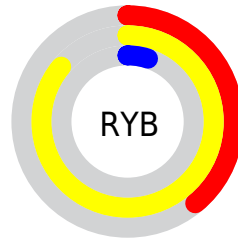
Distribution



Red (86%)

Green (62%)

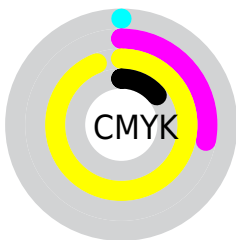
Blue (5%)



Red (39%)

Yellow (86%)

Blue (5%)

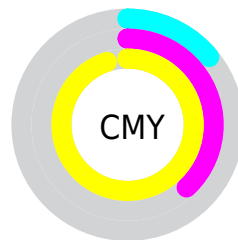


Cyan (0%)

Magenta (28%)

Yellow (94%)

Black (14%)



Cyan (14%)

Magenta (38%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC9F0D 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 DC9F0D by changing the saturation by 10% instead.

 DC9F0D

 DC9F0D

FFFFFF

 BD8500

 FFD551

 9F6C00

 FFF26D

 825400

 FFFF89

 653D00

 FFFFA5

 492700

 FFFFC1

 2F1300

 FFFFDE

 160000

 FFFFFC

 000000

 DC9F0D

 DC9F0D

 DC9B00

 DCA523

 DCAC39

 DCB24F

 DCB965

 DCBF7B

 DCC691

 DCCCA7

 DCD3BD

 DCD9D3

Harmonies

Analogous

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



FF8344



DC9F0D



9FB414

Triad

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



DC9F0D



00C8D6



E483FF

Complementary

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



DC9F0D



0D4ADC

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.



7EA1FF



DC9F0D



00C4FF

Square

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



DC9F0D



00C791



00B8FF



FF6AC2

Rectangle

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



DC9F0D



6CBD3B



00B8FF



C98EFF

Sweetspot

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



DC9F0D



FFEAB8



DC0D4B



807354



000000



808080

Same Dimension

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



DC9F0D



FFB400



B3DC0D



6E6A63



AD7A00



2E2000

Inverse Universe

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



0D4ADC



004BFF



360DDC



63666E



0033AD



000E2E

Previews

White Background



This preview shows how the Hex color DC9F0D looks on a white background.

Color Contrast Check

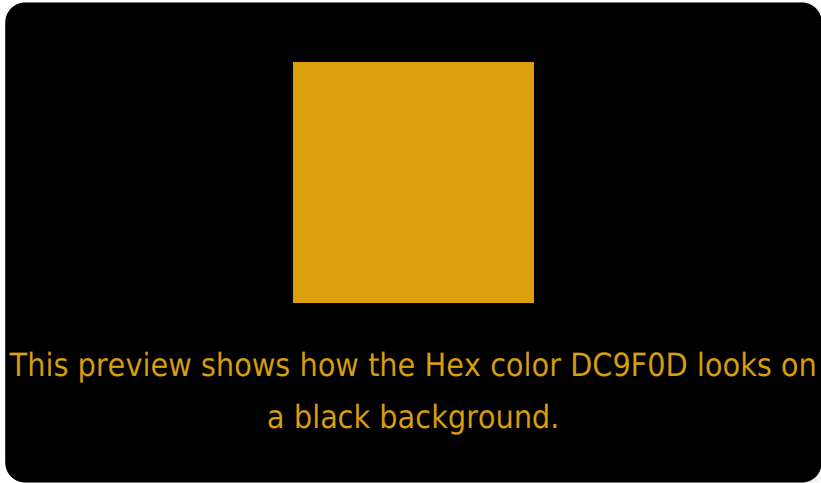
Large Text (above 18pt) WCAG AA × Fail

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 DC9F0D Background



This preview shows how black text looks on a background with the Hex color DC9F0D.



This preview shows how white text looks on a background with the Hex color DC9F0D.

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
DC9F0D

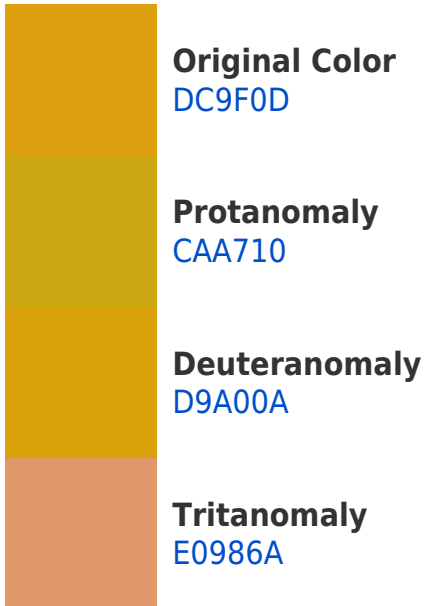
Protanopia
C0AB12

Deuteranopia
D7A108

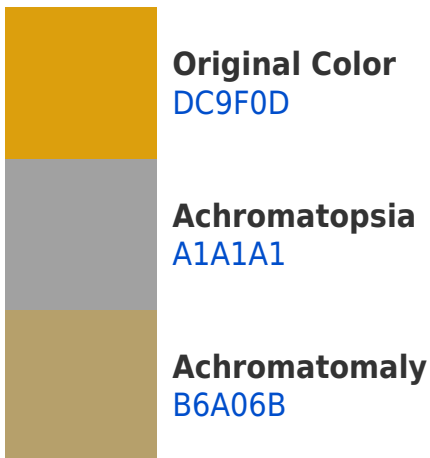


Tritanopia
E3949F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DC9F0D 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 #DC9F0D looks like.

```
.text, #text, p{  
    color:#DC9F0D  
}
```

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 #DC9F0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC9F0D
}
```

Border

The CSS property to change the border of an element to Hex DC9F0D 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
#DC9F0D }
```

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

```
.border{ border-color:#DC9F0D }
```

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

Here you see how a box with a 4 pixel #DC9F0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC9F0D; -webkit-box-shadow:4px 4px  
4px 4px #DC9F0D; box-shadow:4px 4px 4px  
4px #DC9F0D }
```

Background

The CSS property to change the background color of an element to Hex DC9F0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC9F0D }
```

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

```
.background{ background-color:#DC9F0D }
```

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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