

Converting Colors

Hex(DC9E12)

Have a look what the booklet for
Hex(DC9E12) contains.

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Color

Hex(DC9E12)

Conversions

Conversions Part 1

Format	Color
Hex	DC9E12
RGB	220, 158, 18
RGB Percent	86%, 62%, 7%
CMY	0.1373, 0.3804, 0.9294
CMYK	0.00, 0.28, 0.92, 0.14
HSL	42°, 85%, 47%
HSV	42°, 92%, 86%
XYZ	41.8512, 39.7130, 6.0318
YIQ	160.5780, 81.8920, -30.3960

Conversions

Conversions Part 2

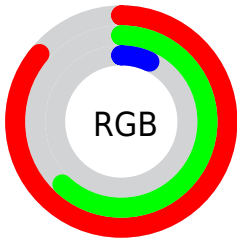
Format	Color
RYB	107, 220, 18
Decimal	14458386
CIELab	69.26, 12.87, 70.77
CIELCh	69, 71.927, 79.694
Yxy	39.7130, 0.4778, 0.4534
Android (android.graphics.Color)	4292648466 (0xFFDC9E12)
YUV	160.5780, -70.2910, 52.1131
Hunter-Lab	63.0183, 8.2621, 38.4378

Details

The Hex color **DC9E12** 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 **1250DC**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFD453**, and **9F6B00** is the 20% darker color. If you saturate the color by 10%, you get **DC9800**, and if you desaturate by 10%, it is **DCA528**.

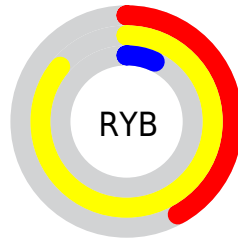
Distribution



Red (86%)

Green (62%)

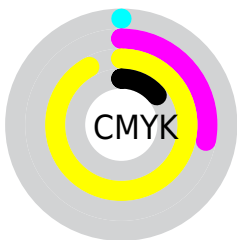
Blue (7%)



Red (42%)

Yellow (86%)

Blue (7%)

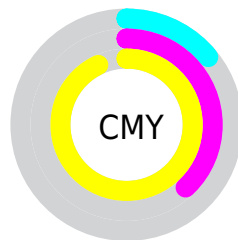


Cyan (0%)

Magenta (28%)

Yellow (92%)

Black (14%)



Cyan (14%)

Magenta (38%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC9E12 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 DC9E12 by changing the saturation by 10% instead.

 DC9E12

 DC9E12

FFFFFF

 BD8400

 FFD453

 9F6B00

 FFF16E

 825300

 FFFF8A

 653C00

 FFFFA6

 492600

 FFFFC3

 2F1200

 FFFFEO

 150000

 FFFFFD

 000000

 DC9E12

 DC9E12

■ DC9800

■ DCA528

■ DCAC3E

■ DCB254

■ DCB96A

■ DCC080

■ DCC796

■ DCCDAC

■ DCD4C2

■ DCDBD8

Harmonies

Analogous

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



FF8346



DC9E12



A0B316

Triad

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



DC9E12



00C8D3



E184FE

Complementary

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



DC9E12



1250DC

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.



7BA1FF



DC9E12



00C3FF

Square

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



DC9E12



00C690



00B7FF



FF6BC2

Rectangle

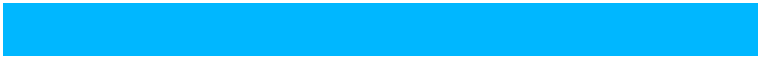
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DC9E12



6EBC3B



00B7FF



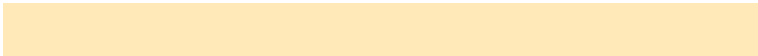
C78EFF

Sweetspot

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



DC9E12



FFE9B8



DC1252



807254



000000



808080

Same Dimension

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



DC9E12



FFB100



B7DC12



6E6A63



AD7800



2E2000

Inverse Universe

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



1250DC



004EFF



3712DC



63666E



0035AD



000E2E

Previews

White Background



This preview shows how the Hex color DC9E12 looks on a white background.

Color Contrast Check

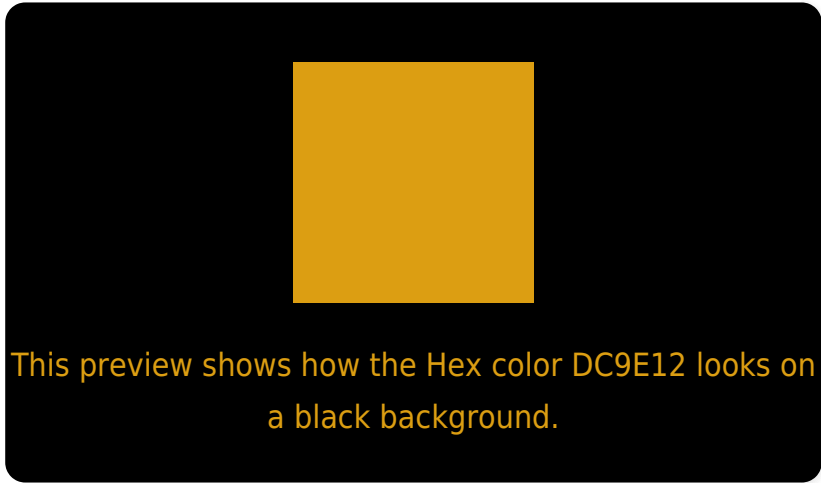
Large Text (above 18pt) WCAG AA × Fail

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 DC9E12 Background



This preview shows how black text looks on a background with the Hex color DC9E12.



This preview shows how white text looks on a background with the Hex color DC9E12.

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
DC9E12

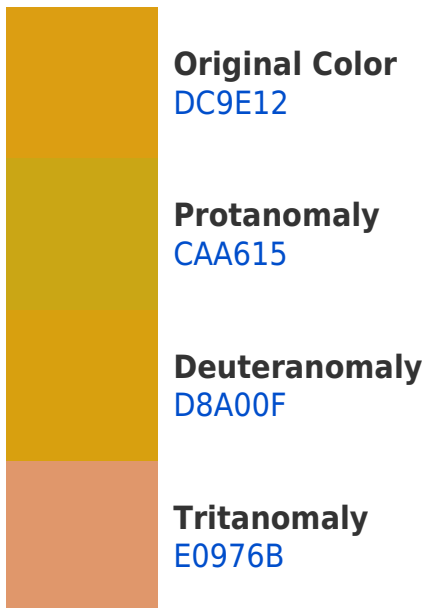
Protanopia
BFAA16

Deuteranopia
D6A10E

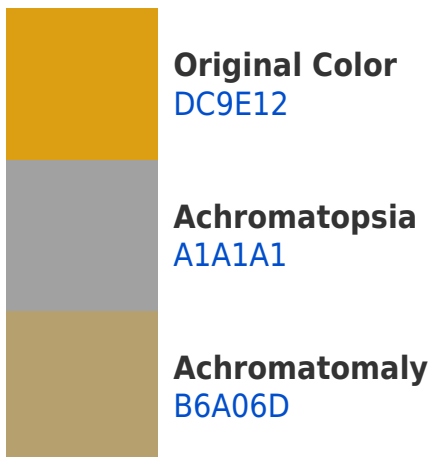


Tritanopia
E3939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DC9E12 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 #DC9E12 looks like.

```
.text, #text, p{  
    color:#DC9E12  
}
```

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 #DC9E12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC9E12
}
```

Border

The CSS property to change the border of an element to Hex DC9E12 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
#DC9E12 }
```

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

```
.border{ border-color:#DC9E12 }
```

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

Here you see how a box with a 4 pixel #DC9E12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC9E12; -webkit-box-shadow:4px 4px  
4px 4px #DC9E12; box-shadow:4px 4px 4px  
4px #DC9E12 }
```

Background

The CSS property to change the background color of an element to Hex DC9E12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC9E12 }
```

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

```
.background{ background-color:#DC9E12 }
```

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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