

Converting Colors

Hex(DC9708)

Have a look what the booklet for
Hex(DC9708) contains.

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Color

Hex(DC9708)

Conversions

Conversions Part 1

Format	Color
Hex	DC9708
RGB	220, 151, 8
RGB Percent	86%, 59%, 3%
CMY	0.1373, 0.4078, 0.9686
CMYK	0.00, 0.31, 0.96, 0.14
HSL	40°, 93%, 45%
HSV	40°, 96%, 86%
XYZ	40.6256, 37.3664, 5.3010
YIQ	155.3290, 87.0270, -29.8450

Conversions

Conversions Part 2

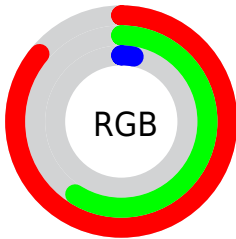
Format	Color
RYB	110, 220, 8
Decimal	14456584
CIELab	67.55, 16.50, 71.02
CIELCh	68, 72.917, 76.918
Yxy	37.3664, 0.4877, 0.4486
Android (android.graphics.Color)	4292646664 (0xFFDC9708)
YUV	155.3290, -72.6332, 56.7165
Hunter-Lab	61.1281, 11.6568, 37.6481

Details

The Hex color **DC9708** 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 **084DDC**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFCD4E**, and **9F6400** is the 20% darker color. If you saturate the color by 10%, you get **DC9400**, and if you desaturate by 10%, it is **DC9E1E**.

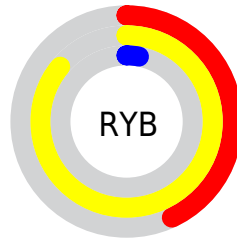
Distribution



Red (86%)

Green (59%)

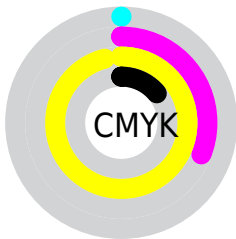
Blue (3%)



Red (43%)

Yellow (86%)

Blue (3%)

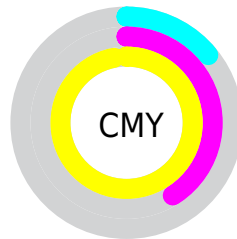


Cyan (0%)

Magenta (31%)

Yellow (96%)

Black (14%)



Cyan (14%)

Magenta (41%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC9708 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 DC9708 by changing the saturation by 10% instead.

 DC9708

 DC9708

FFFFFF

 BD7D00

 FFCD4E

 9F6400

 FFE96A

 824C00

 FFFF85

 643600

 FFFFA1

 492000

 FFFFBE

 2E0C00

 FFFFDB

 0F0000

 FFFFF8

 000000

 DC9708

 DC9708

■ DC9400

■ DC9E1E

■ DCA534

■ DCAC4A

■ DCB460

■ DCBB76

■ DCC28C

■ DCC9A2

■ DCD0B8

■ DCD7CE

Harmonies

Analogous

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



FF7B46



DC9708



A1AD00

Triad

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



DC9708



00C3C9



D682FF

Complementary

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



DC9708



084DDC

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.



659FFF



DC9708



00C0FF

Square

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



DC9708



00C184



00B4FF



FF66C4

Rectangle

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



DC9708



70B72F



00B4FF



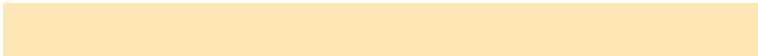
B98CFF

Sweetspot

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



DC9708



FFE7B5



DC084F



807153



000000



808080

Same Dimension

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



DC9708



FFAC00



B9DC08



6E6A63



AD7500



2E1F00

Inverse Universe

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



084DDC



0053FF



2B08DC



63666E



0038AD



000F2E

Previews

White Background



This preview shows how the Hex color DC9708 looks on a white background.

Color Contrast Check

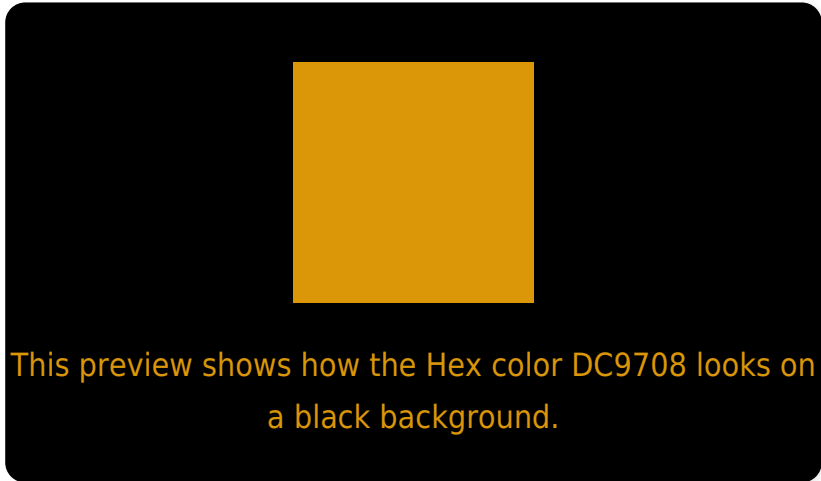
Large Text (above 18pt) WCAG AA × Fail

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 DC9708 Background



This preview shows how black text looks on a background with the Hex color DC9708.

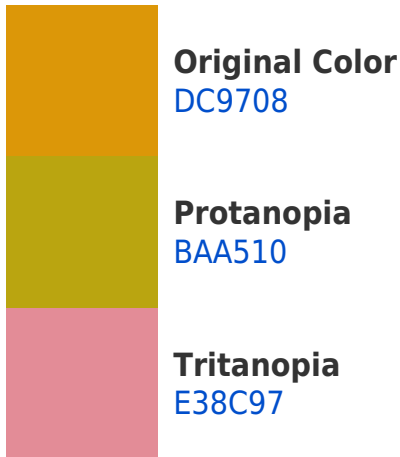


This preview shows how white text looks on a background with the Hex color DC9708.

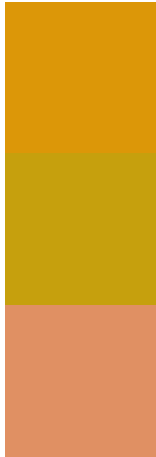
Color Blindness Simulation

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



Trichromacy



Original Color
DC9708

Protanomaly
C6A00D

Tritanomaly
E09063

Monochromacy



Original Color
DC9708

Achromatopsia
9B9B9B

Achromatomaly
B39A66

CSS Examples

Text

The CSS property to change the color of the text to Hex DC9708 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 #DC9708 looks like.

```
.text, #text, p{  
    color:#DC9708  
}
```

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 #DC9708 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC9708
}
```

Border

The CSS property to change the border of an element to Hex DC9708 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
#DC9708 }
```

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

```
.border{ border-color:#DC9708 }
```

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

Here you see how a box with a 4 pixel #DC9708 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC9708; -webkit-box-shadow:4px 4px  
4px 4px #DC9708; box-shadow:4px 4px 4px  
4px #DC9708 }
```

Background

The CSS property to change the background color of an element to Hex DC9708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC9708 }
```

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

```
.background{ background-color:#DC9708 }
```

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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