

Converting Colors

Hex(DC9542)

Have a look what the booklet for
Hex(DC9542) contains.

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Color

Hex(DC9542)

Conversions

Conversions Part 1

Format	Color
Hex	DC9542
RGB	220, 149, 66
RGB Percent	86%, 58%, 26%
CMY	0.1373, 0.4157, 0.7412
CMYK	0.00, 0.32, 0.70, 0.14
HSL	32°, 69%, 56%
HSV	32°, 70%, 86%
XYZ	41.2460, 37.1039, 10.1421
YIQ	160.7670, 68.9590, -10.7610

Conversions

Conversions Part 2

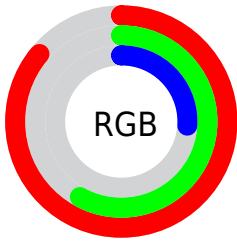
Format	Color
RYB	198, 220, 66
Decimal	14456130
CIELab	67.35, 19.26, 53.05
CIElCh	67, 56.441, 70.051
Yxy	37.1039, 0.4661, 0.4193
Android (android.graphics.Color)	4292646210 (0xFFDC9542)
YUV	160.7670, -46.7201, 51.9473
Hunter-Lab	60.9130, 14.2701, 32.7672

Details

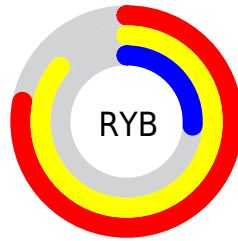
The Hex color **DC9542** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **4289DC**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFCB76**, and **A06209** is the 20% darker color. If you saturate the color by 10%, you get **DC8B2C**, and if you desaturate by 10%, it is **DC9F58**.

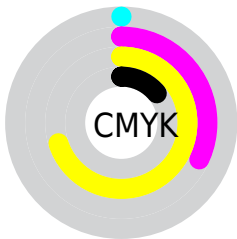
Distribution



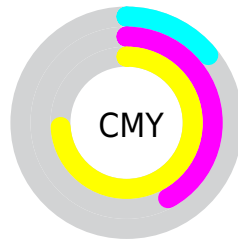
- Red (86%)
- Green (58%)
- Blue (26%)



- Red (78%)
- Yellow (86%)
- Blue (26%)



- Cyan (0%)
- Magenta (32%)
- Yellow (70%)
- Black (14%)



- Cyan (14%)
- Magenta (42%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC9542 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 DC9542 by changing the saturation by 10% instead.

 DC9542

 DC9542

FFFFFF

 BE7B28

 FFCB76

 A06209

 FFE790

 834A00

 FFFFAC

 673300

 FFFF8C

 4B1E00

 FFFF4E

 300800

 120000

 000000

 DC9542

 DC9542

 DC8B2C

 DC9F58

 DC8116

 DCA96E

 DC7700

 DCB384

 DCBE9A

 DCC8B0

 DCD2C6

 DCDCDC

 DCE6F2

 DCF0FF

Harmonies

Analogous

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



FA8265



DC9542



B0A739

Triad

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



DC9542



00BDB4



BE8FF2

Complementary

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



DC9542



4289DC

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.



66A4FF



DC9542



00BBE4

Square

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



DC9542



13BB7F



00B3FF



EF7DC8

Rectangle

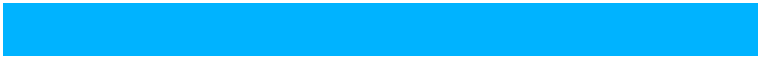
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DC9542



8DB047



00B3FF



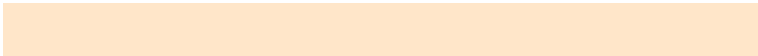
A697FC

Sweetspot

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



DC9542



FFE6C9



DC428A



807160



000000



808080

Same Dimension

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



DC9542



FF9C29



D7DC42



6E6963



AD5D00



2E1900

Inverse Universe

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



4289DC



298CFF



4742DC



63686E



0050AD



00152E

Previews

White Background



This preview shows how the Hex color DC9542 looks on a white background.

Color Contrast Check

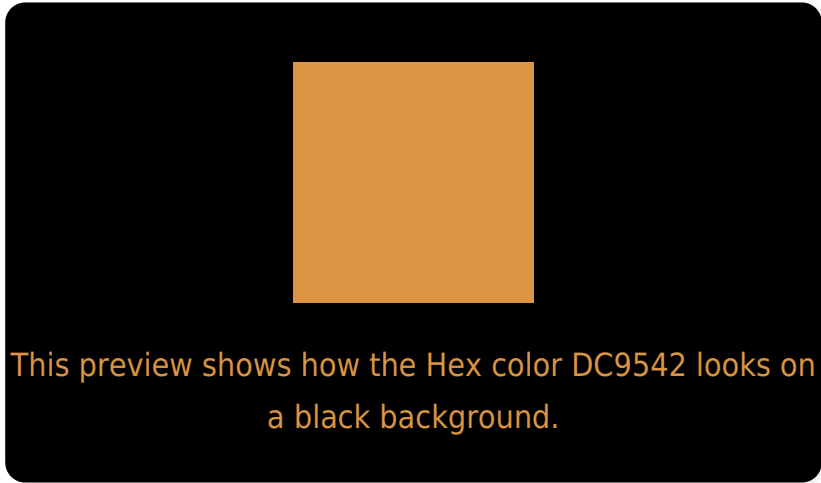
Large Text (above 18pt) WCAG AA × Fail

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 DC9542 Background



This preview shows how black text looks on a background with the Hex color DC9542.



This preview shows how white text looks on a background with the Hex color DC9542.

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
DC9542

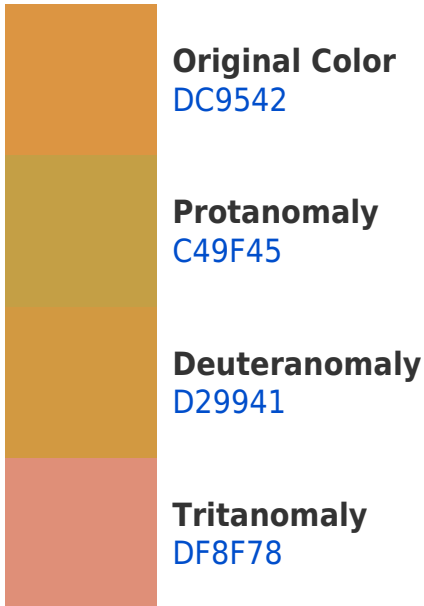
Protanopia
B7A547

Deuteranopia
CD9C40



Tritanopia
E18C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DC9542 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 #DC9542 looks like.

```
.text, #text, p{  
    color:#DC9542  
}
```

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 #DC9542 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC9542
}
```

Border

The CSS property to change the border of an element to Hex DC9542 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
#DC9542 }
```

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

```
.border{ border-color:#DC9542 }
```

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

Here you see how a box with a 4 pixel #DC9542 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC9542; -webkit-box-shadow:4px 4px  
4px 4px #DC9542; box-shadow:4px 4px 4px  
4px #DC9542 }
```

Background

The CSS property to change the background color of an element to Hex DC9542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC9542 }
```

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

```
.background{ background-color:#DC9542 }
```

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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