

Converting Colors

Hex(DC9547)

Have a look what the booklet for
Hex(DC9547) contains.

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Color

Hex(DC9547)

Conversions

Conversions Part 1

Format	Color
Hex	DC9547
RGB	220, 149, 71
RGB Percent	86%, 58%, 28%
CMY	0.1373, 0.4157, 0.7216
CMYK	0.00, 0.32, 0.68, 0.14
HSL	31°, 68%, 57%
HSV	31°, 68%, 86%
XYZ	41.4000, 37.1655, 10.9529
YIQ	161.3370, 67.3540, -9.2060

Conversions

Conversions Part 2

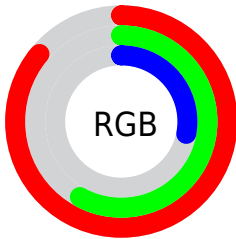
Format	Color
R_{YB}	207, 220, 71
Decimal	14456135
CIE _{Lab}	67.40, 19.53, 50.78
CIE _{LCh}	67, 54.406, 68.964
Yxy	37.1655, 0.4625, 0.4152
Android (android.graphics.Color)	4292646215 (0xFFDC9547)
YUV	161.3370, -44.5361, 51.4475
Hunter-Lab	60.9635, 14.5323, 32.0222

Details

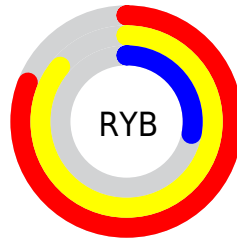
The Hex color **DC9547** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **478EDC**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFCB7A**, and **A16212** is the 20% darker color. If you saturate the color by 10%, you get **DC8B31**, and if you desaturate by 10%, it is **DC9F5D**.

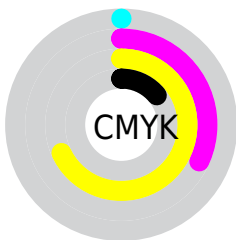
Distribution



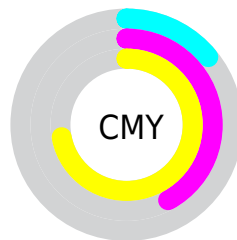
- Red (86%)
- Green (58%)
- Blue (28%)



- Red (81%)
- Yellow (86%)
- Blue (28%)



- Cyan (0%)
- Magenta (32%)
- Yellow (68%)
- Black (14%)



- Cyan (14%)
- Magenta (42%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC9547 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 DC9547 by changing the saturation by 10% instead.

 DC9547

 DC9547

FFFFFF

 BE7B2E

 FFCB7A

 A16212

 FFE795

 844A00


 FFFFB0

 673300

 FFFFCC

 4B1D00

 FFFFEE

 310800

 130000

 000000

 DC9547

 DC9547

 DC8B31

 DC9F5D

 DC801B

 DCAA73

 DC7605

 DCB489

 DC7300

 DCBF9F

 DCC9B5

 DCD4CB

 DCDEE1

 DCE9F7

 DCF3FF

Harmonies

Analogous

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



F88369



DC9547



B2A63E

Triad

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



DC9547



00BDB2



BB91F1

Complementary

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



DC9547



478EDC

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



DC9547



00BAE0

Square

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



DC9547



2ABA7F



00B3FF



EB7FC8

Rectangle

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



DC9547



90AF4A



00B3FF



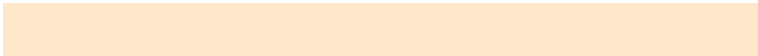
A398FA

Sweetspot

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



DC9547



FFE7CC



DC478F



807161



000000



808080

Same Dimension

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



DC9547



FF9D30



DADC47



6E6863



AD5B00



2E1800

Inverse Universe

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



478EDC



3093FF



4947DC



63686E



0053AD



00162E

Previews

White Background



This preview shows how the Hex color DC9547 looks on a white background.

Color Contrast Check

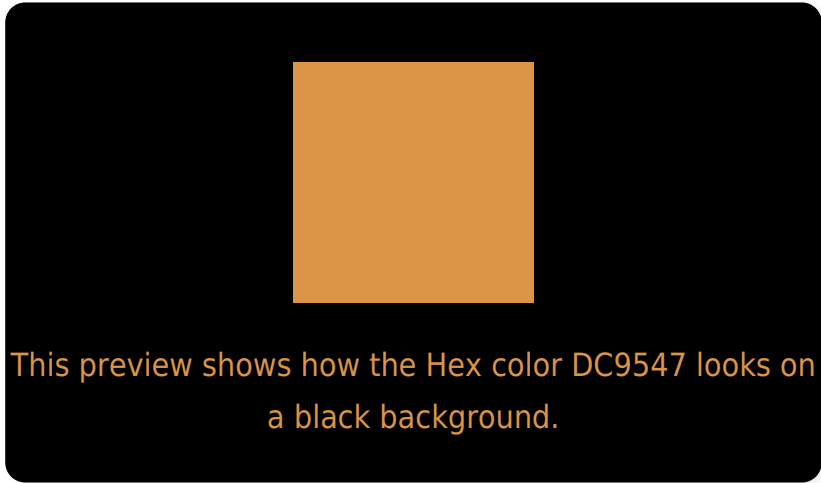
Large Text (above 18pt) WCAG AA × Fail

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

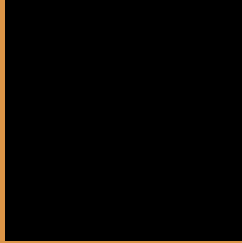
Any Text WCAG AA ✓ Pass

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 DC9547 Background



This preview shows how black text looks on a background with the Hex color DC9547.

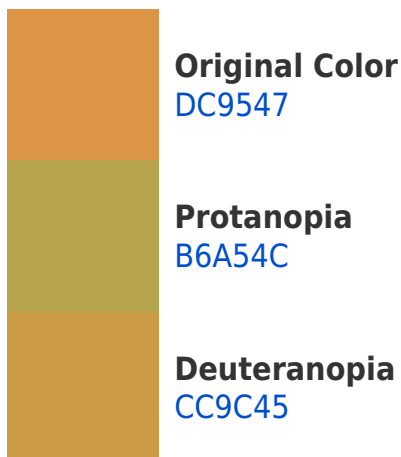


This preview shows how white text looks on a background with the Hex color DC9547.

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](#).

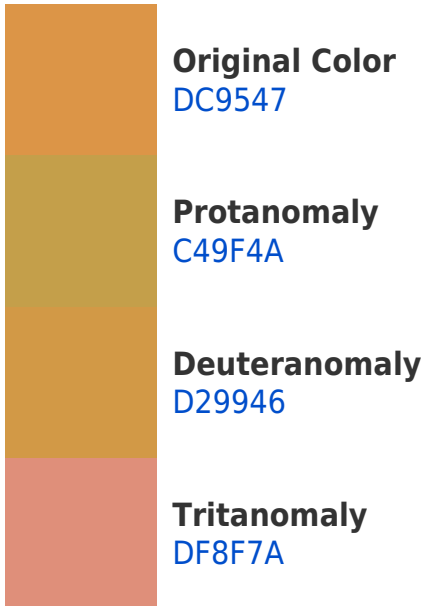
Dichromacy



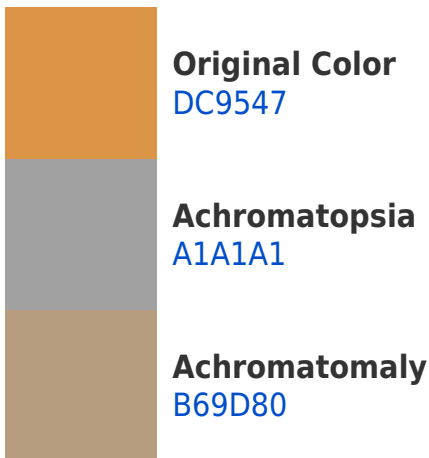


Tritanopia
E18C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DC9547 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 #DC9547 looks like.

```
.text, #text, p{  
    color:#DC9547  
}
```

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 #DC9547 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC9547
}
```

Border

The CSS property to change the border of an element to Hex DC9547 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
#DC9547 }
```

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

```
.border{ border-color:#DC9547 }
```

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

Here you see how a box with a 4 pixel #DC9547 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC9547; -webkit-box-shadow:4px 4px  
4px 4px #DC9547; box-shadow:4px 4px 4px  
4px #DC9547 }
```

Background

The CSS property to change the background color of an element to Hex DC9547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC9547 }
```

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

```
.background{ background-color:#DC9547 }
```

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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