

Converting Colors

Hex(DC8154)

Have a look what the booklet for
Hex(DC8154) contains.

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Color

Hex(DC8154)

Conversions

Conversions Part 1

Format	Color
Hex	DC8154
RGB	220, 129, 84
RGB Percent	86%, 51%, 33%
CMY	0.1373, 0.4941, 0.6706
CMYK	0.00, 0.41, 0.62, 0.14
HSL	20°, 66%, 60%
HSV	20°, 62%, 86%
XYZ	38.9657, 31.5563, 12.4248
YIQ	151.0790, 68.6810, 5.2970

Conversions

Conversions Part 2

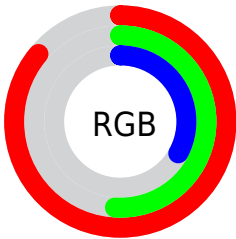
Format	Color
RYB	220, 151, 84
Decimal	14451028
CIELab	62.97, 31.03, 39.16
CIELCh	63, 49.960, 51.604
Yxy	31.5563, 0.4698, 0.3804
Android (android.graphics.Color)	4292641108 (0xFFDC8154)
YUV	151.0790, -33.0699, 60.4437
Hunter-Lab	56.1750, 25.5102, 26.2087

Details

The Hex color **DC8154** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **54AFDC**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFB787**, and **A04E25** is the 20% darker color. If you saturate the color by 10%, you get **DC723E**, and if you desaturate by 10%, it is **DC906A**.

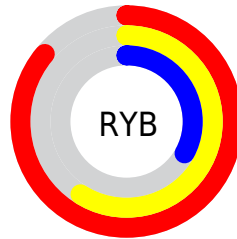
Distribution



Red (86%)

Green (51%)

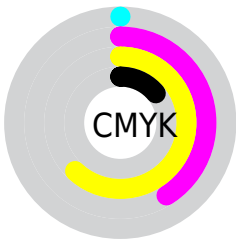
Blue (33%)



Red (86%)

Yellow (59%)

Blue (33%)

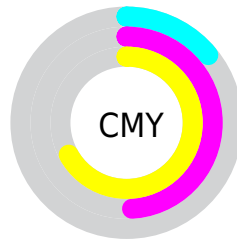


Cyan (0%)

Magenta (41%)

Yellow (62%)

Black (14%)



Cyan (14%)

Magenta (49%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC8154 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 DC8154 by changing the saturation by 10% instead.

 DC8154

 DC8154

FFFFFF

 BE673C

 FFB787

 A04E25

 FFD3A1

 83360D

 FFEFBC

 671E00

 FFFFD8

 4B0400

 FFFFF5

 310000

 020000

 000000

 DC8154

 DC8154

 DC723E

 DC906A

 DC6428

 DC9E80

 DC5512

 DCAD96

 DC4900

 DCBCAC

 DCCBC2

 DCD9D8

 DCE8EE

 DCF7FF

 DCFFFF

Harmonies

Analogous

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



EB747A



DC8154



BD923D

Triad

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



DC8154



00AE8A



8692EB

Complementary

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



DC8154



54AFDC

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.



00A1F0



DC8154



00AEB8

Square

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



DC8154



5DA95F



00AADD



C380D0

Rectangle

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



DC8154



A19B3D



00AADD



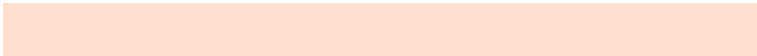
6A97EF

Sweetspot

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



DC8154



FFDFCF



DC54B1



806C62



000000



808080

Same Dimension

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



DC8154



FF8142



DCC354



6E6663



AD3900



2E0F00

Inverse Universe

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



54AFDC



42C1FF



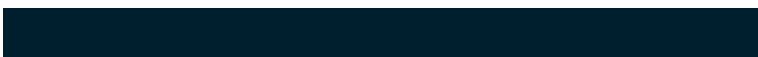
546DDC



636A6E



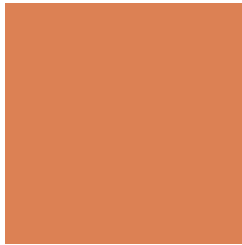
0074AD



001F2E

Previews

White Background



This preview shows how the Hex color DC8154 looks on a white background.

Color Contrast Check

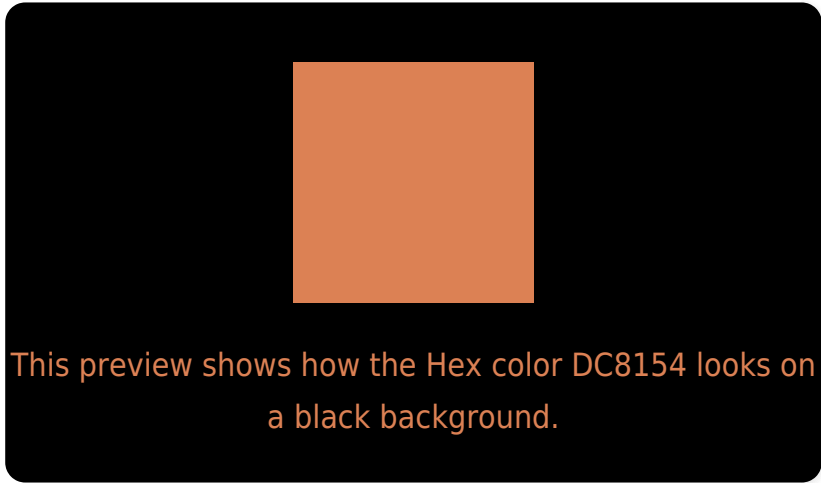
Large Text (above 18pt) WCAG AA × Fail

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

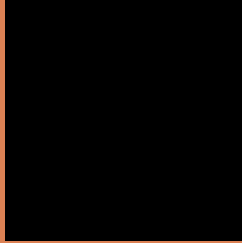
Any Text WCAG AA ✓ Pass

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 DC8154 Background



This preview shows how black text looks on a background with the Hex color DC8154.



This preview shows how white text looks on a background with the Hex color DC8154.

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
DC8154

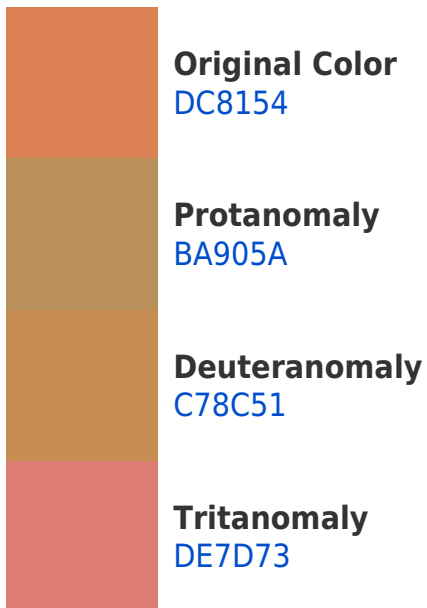
Protanopia
A7995D

Deuteranopia
BB9250

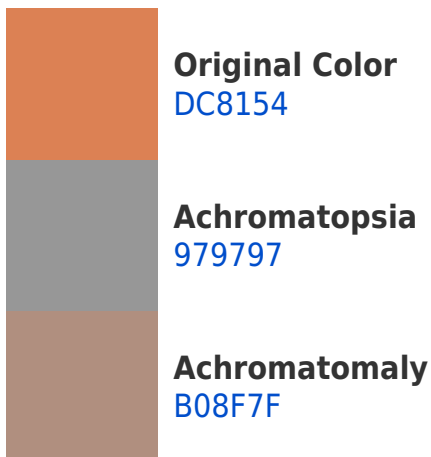


Tritanopia
DF7B84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DC8154 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 #DC8154 looks like.

```
.text, #text, p{  
    color:#DC8154  
}
```

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 #DC8154 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC8154
}
```

Border

The CSS property to change the border of an element to Hex DC8154 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
#DC8154 }
```

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

```
.border{ border-color:#DC8154 }
```

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

Here you see how a box with a 4 pixel #DC8154 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC8154; -webkit-box-shadow:4px 4px  
4px 4px #DC8154; box-shadow:4px 4px 4px  
4px #DC8154 }
```

Background

The CSS property to change the background color of an element to Hex DC8154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC8154 }
```

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

```
.background{ background-color:#DC8154 }
```

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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