

Converting Colors

Hex(D79654)

Have a look what the booklet for
Hex(D79654) contains.

Hex(D79654)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D79654)

Conversions

Conversions Part 1

Format	Color
Hex	D79654
RGB	215, 150, 84
RGB Percent	84%, 59%, 33%
CMY	0.1569, 0.4118, 0.6706
CMYK	0.00, 0.30, 0.61, 0.16
HSL	30°, 62%, 59%
HSV	30°, 61%, 84%
XYZ	40.5309, 36.8999, 13.3737
YIQ	161.9110, 59.9260, -6.7460

Conversions

Conversions Part 2

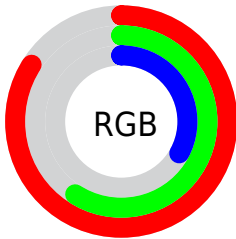
Format	Color
RYB	213, 215, 84
Decimal	14128724
CIELab	67.20, 17.72, 44.03
CIElCh	67, 47.465, 68.084
Yxy	36.8999, 0.4464, 0.4064
Android (android.graphics.Color)	4292318804 (0xFFD79654)
YUV	161.9110, -38.4101, 46.5591
Hunter-Lab	60.7453, 12.7959, 29.4684

Details

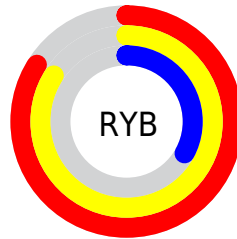
The Hex color **D79654** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **5495D7**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFCC87**, and **9C6323** is the 20% darker color. If you saturate the color by 10%, you get **D78B3F**, and if you desaturate by 10%, it is **D7A16A**.

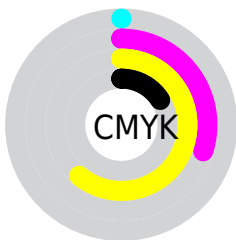
Distribution



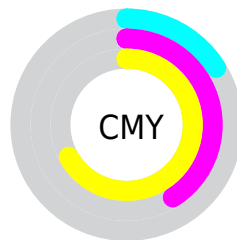
- Red (84%)
- Green (59%)
- Blue (33%)



- Red (84%)
- Yellow (84%)
- Blue (33%)



- Cyan (0%)
- Magenta (30%)
- Yellow (61%)
- Black (16%)



- Cyan (16%)
- Magenta (41%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color D79654 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 D79654 by changing the saturation by 10% instead.

 D79654

 D79654

FFFFFF

 B97C3B

 FFCC87

 9C6323

 FFE8A2

 804B08

 FFFFBE

 643400

 FFFFDA

 491E00

 FFFFF6

 2F0A00

 0E0000

 000000

 D79654

 D79654

 D78B3F

 D7A16A

 D78129

 D7AB7F

 D77614

 D7B695

 D76C00

 D7C1AA

 D7CBC0

 D7D6D5

 D7E1EB

 D7EBFF

 D7F6FF

Harmonies

Analogous

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



EF8771



D79654



B2A54C

Triad

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



D79654



00BAAE



B694E7

Complementary

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



D79654



5495D7

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.



71A4F8



D79654



00B8D7

Square

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



D79654



48B782



00B1F2



E285C4

Rectangle

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



D79654



95AD55



00B1F2



A299EF

Sweetspot

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



D79654



FFE8D1



D75496



807263



000000



808080

Same Dimension

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



D79654



FFA345



D7D754



6B6660



AB5600



2B1600

Inverse Universe

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



5495D7



45A1FF



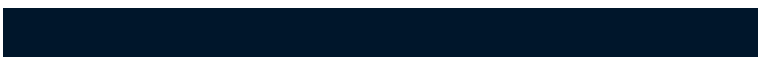
5454D7



60666B



0055AB



00162B

Previews

White Background



This preview shows how the Hex color D79654 looks on a white background.

Color Contrast Check

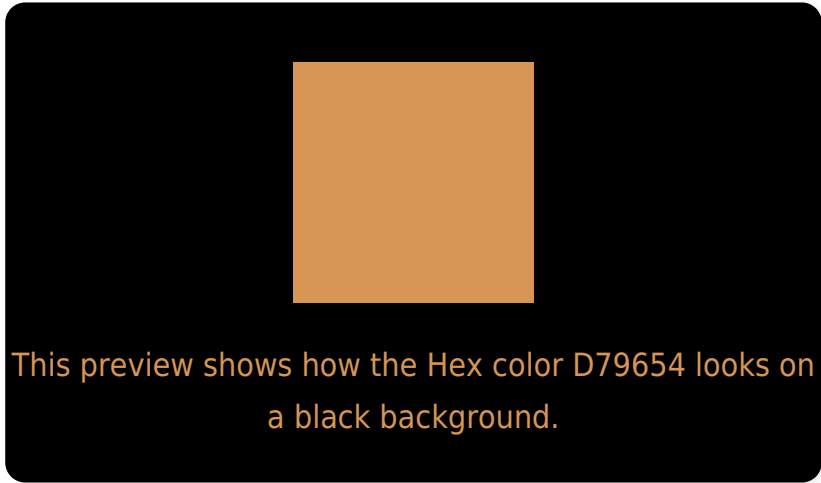
Large Text (above 18pt) WCAG AA × Fail

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

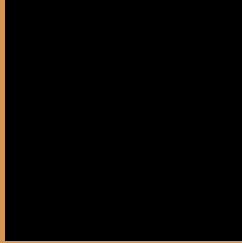
Any Text WCAG AA ✓ Pass

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 D79654 Background



This preview shows how black text looks on a background with the Hex color D79654.



This preview shows how white text looks on a background with the Hex color D79654.

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
D79654

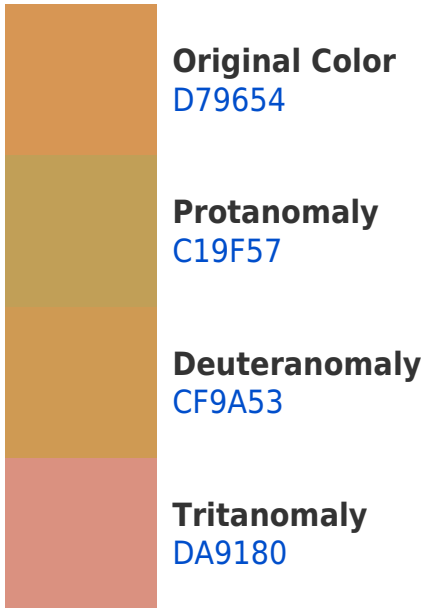
Protanopia
B4A459

Deuteranopia
CA9C53

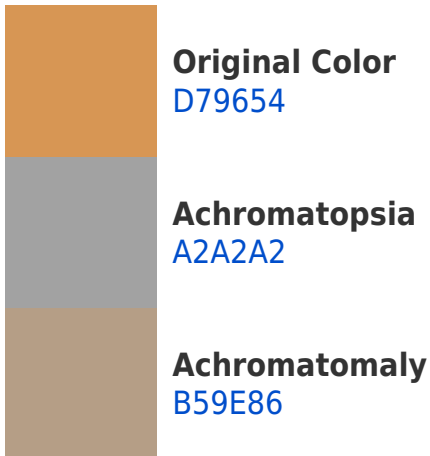


Tritanopia
DC8E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D79654 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 #D79654 looks like.

```
.text, #text, p{  
    color:#D79654  
}
```

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 #D79654 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D79654
}
```

Border

The CSS property to change the border of an element to Hex D79654 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
#D79654 }
```

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

```
.border{ border-color:#D79654 }
```

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

Here you see how a box with a 4 pixel #D79654 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D79654; -webkit-box-shadow:4px 4px  
4px 4px #D79654; box-shadow:4px 4px 4px  
4px #D79654 }
```

Background

The CSS property to change the background color of an element to Hex D79654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D79654 }
```

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

```
.background{ background-color:#D79654 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor