

Converting Colors

Hex(D4634A)

Have a look what the booklet for
Hex(D4634A) contains.

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Color

Hex(D4634A)

Conversions

Conversions Part 1

Format	Color
Hex	D4634A
RGB	212, 99, 74
RGB Percent	83%, 39%, 29%
CMY	0.1686, 0.6118, 0.7098
CMYK	0.00, 0.53, 0.65, 0.17
HSL	11°, 62%, 56%
HSV	11°, 65%, 83%
XYZ	32.8492, 23.4151, 9.2668
YIQ	129.9370, 75.3730, 16.1810

Conversions

Conversions Part 2

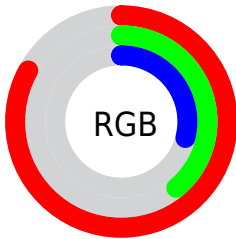
Format	Color
RYB	212, 105, 74
Decimal	13919050
CIELab	55.50, 42.71, 35.30
CIElCh	55, 55.406, 39.574
Yxy	23.4151, 0.5013, 0.3573
Android (android.graphics.Color)	4292109130 (0xFFD4634A)
YUV	129.9370, -27.5769, 71.9693
Hunter-Lab	48.3892, 36.4945, 22.5181

Details

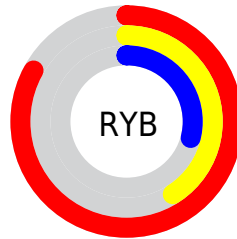
The Hex color **D4634A** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4ABBD4**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF987B**, and **982F1D** is the 20% darker color. If you saturate the color by 10%, you get **D45235**, and if you desaturate by 10%, it is **D4745F**.

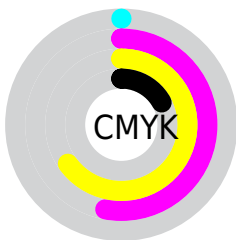
Distribution



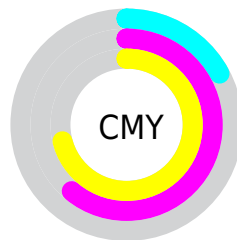
- Red (83%)
- Green (39%)
- Blue (29%)



- Red (83%)
- Yellow (41%)
- Blue (29%)



- Cyan (0%)
- Magenta (53%)
- Yellow (65%)
- Black (17%)



- Cyan (17%)
- Magenta (61%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color D4634A 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 D4634A by changing the saturation by 10% instead.

 D4634A

 D4634A

FFFFFF

 B64933

 FF987B

 982F1D

 FFB495

 7A1206

 FFD0B0

 5D0000

 FFEDCC

 400000

 FFFFEE

 250001

 000000

 D4634A

 D4634A

 D45235

 D4745F

 D44020

 D48674

 D42F0A

 D4978A

 D42600

 D4A89F

 D4BAB4

 D4CBC9

 D4DDDE

 D4EEF4

 D4FFFF

Harmonies

Analogous

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



DC5777



D4634A



B87626

Triad

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



D4634A



009A62



3C85E4

Complementary

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



D4634A



4ABBD4

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.



0093DF



D4634A



009C93

Square

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



D4634A



5B9335



009AC1



9B71CF

Rectangle

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



D4634A



9E8219



009AC1



008BE5

Sweetspot

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



D4634A



FFD5CC



D44ABD



806661



000000



808080

Same Dimension

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



D4634A



FF5C38



D4A64A



6B6260



AB1F00



2B0800

Inverse Universe

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



4ABBD4



38DBFF



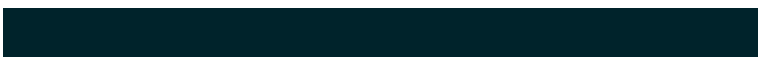
4A78D4



60696B



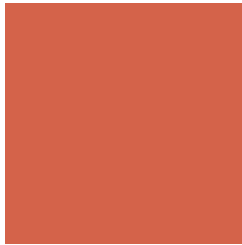
008CAB



00232B

Previews

White Background



This preview shows how the Hex color D4634A looks on a white background.

Color Contrast Check

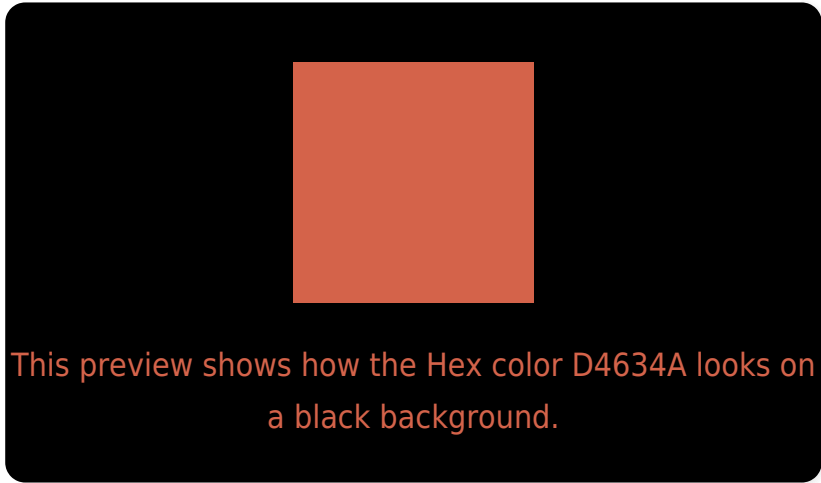
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D4634A Background



This preview shows how black text looks on a background with the Hex color D4634A.



This preview shows how white text looks on a background with the Hex color D4634A.

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
D4634A

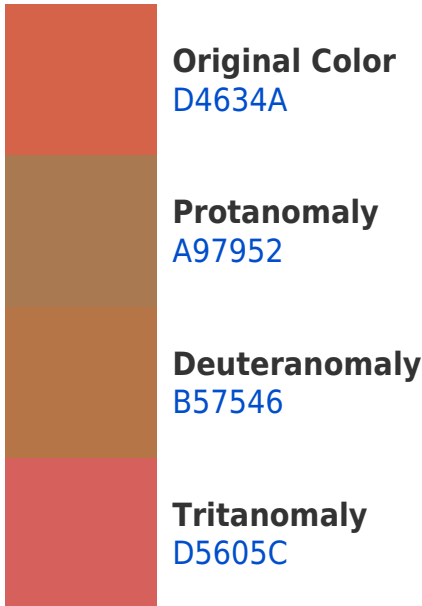
Protanopia
918557

Deuteranopia
A47F44

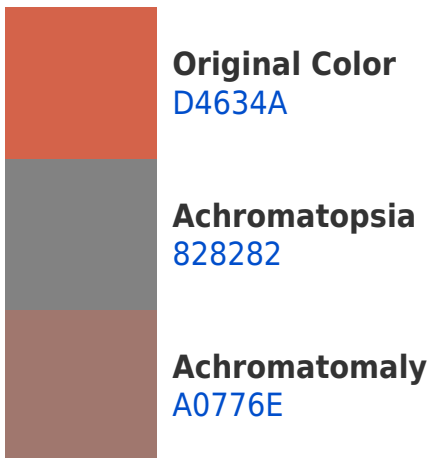


Tritanopia
D55F66

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D4634A 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 #D4634A looks like.

```
.text, #text, p{  
    color:#D4634A  
}
```

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 #D4634A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4634A
}
```

Border

The CSS property to change the border of an element to Hex D4634A 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
#D4634A }
```

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

```
.border{ border-color:#D4634A }
```

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

Here you see how a box with a 4 pixel #D4634A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4634A; -webkit-box-shadow:4px 4px  
4px 4px #D4634A; box-shadow:4px 4px 4px  
4px #D4634A }
```

Background

The CSS property to change the background color of an element to Hex D4634A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4634A }
```

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

```
.background{ background-color:#D4634A }
```

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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