

# Converting Colors

Hex(D64828)

Have a look what the booklet for  
Hex(D64828) contains.

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# Color

**Hex(D64828)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D64828
RGB	214, 72, 40
RGB Percent	84%, 28%, 16%
CMY	0.1608, 0.7176, 0.8431
CMYK	0.00, 0.66, 0.81, 0.16
HSL	11°, 69%, 50%
HSV	11°, 81%, 84%
XYZ	30.4319, 19.0841, 4.0871
YIQ	110.8100, 94.9040, 20.1520

# Conversions

## Conversions Part 2

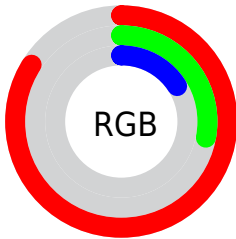
Format	Color
<a href="#">RYB</a>	<a href="#">214, 79, 40</a>
Decimal	<a href="#">14043176</a>
CIELab	<a href="#">50.79, 54.19, 48.18</a>
CIElCh	<a href="#">51, 72.513, 41.641</a>
Yxy	<a href="#">19.0841, 0.5677, 0.3560</a>
Android (android.graphics.Color)	<a href="#">4292233256 (0xFFD64828)</a>
YUV	<a href="#">110.8100, -34.9093, 90.4976</a>
Hunter-Lab	<a href="#">43.6853, 47.8968, 25.0326</a>

# Details

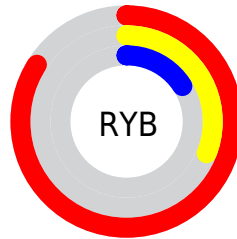
The Hex color **D64828** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **28B6D6**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF7F58**, and **970000** is the 20% darker color. If you saturate the color by 10%, you get **D63713**, and if you desaturate by 10%, it is **D6593D**.

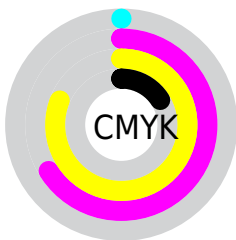
# Distribution



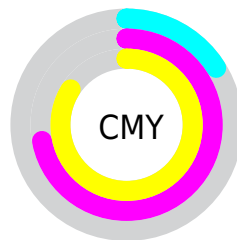
- Red (84%)
- Green (28%)
- Blue (16%)



- Red (84%)
- Yellow (31%)
- Blue (16%)



- Cyan (0%)
- Magenta (66%)
- Yellow (81%)
- Black (16%)



- Cyan (16%)
- Magenta (72%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D64828 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 D64828 by changing the saturation by 10% instead.



 D64828

 D64828

FFFFFF

 B62B10

 FF7F58

 970000

 FF9B71

 780000

 FFB78B

 5A0000

 FFD4A6

 3E0002

 FFF1C2

 1C0001

 FFFFDE

 000000

 FFFFFB

 D64828

 D64828

 D63713

 D6593D

 D62700

 D66B53

 D67C68

 D68E7E

 D69F93

 D6B1A8

 D6C2BE

 D6D4D3

 D6E5E9

# Harmonies

## Analogous

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



E42A64



D64828



B16800

# Triad

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



D64828



00914F



0079F4

# Complementary

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



D64828



28B6D6

# 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.



008AEF



D64828



009490

# Square

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



D64828



318B00



0092CA



985CD6

# Rectangle

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



D64828



8F7800



0092CA



0080F6



# Sweetspot

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



D64828



FFCDC2



D628B6



80615B



000000



808080



# Same Dimension

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



D64828



FF3305



D69F28



6B6260



AB1F00



2B0800

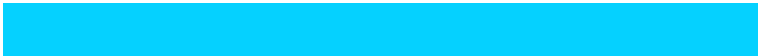


# Inverse Universe

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



28B6D6



05D1FF



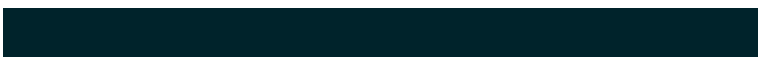
285FD6



60696B



008BAB



00232B



# Previews

## White Background



This preview shows how the Hex color D64828 looks on a white background.

## Color Contrast Check

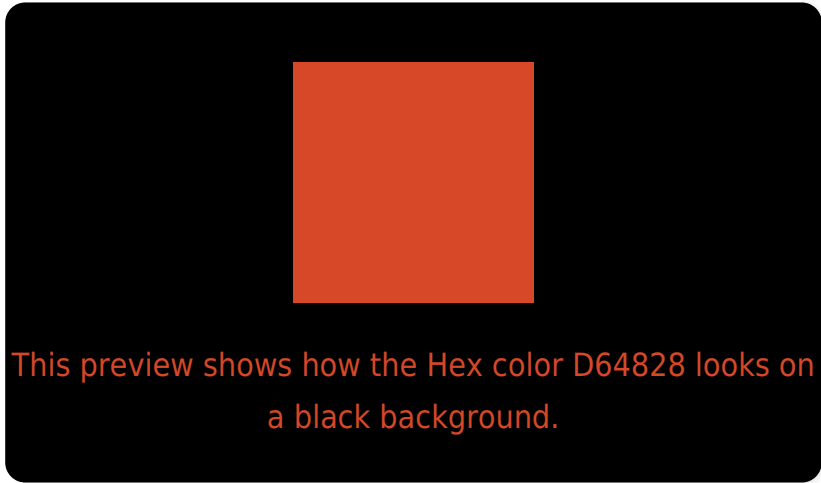
Large Text (above 18pt) WCAG AA ✓ Pass

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 D64828 Background



This preview shows how black text looks on a background with the Hex color D64828.



This preview shows how white text looks on a background with the Hex color D64828.

# 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**  
D64828

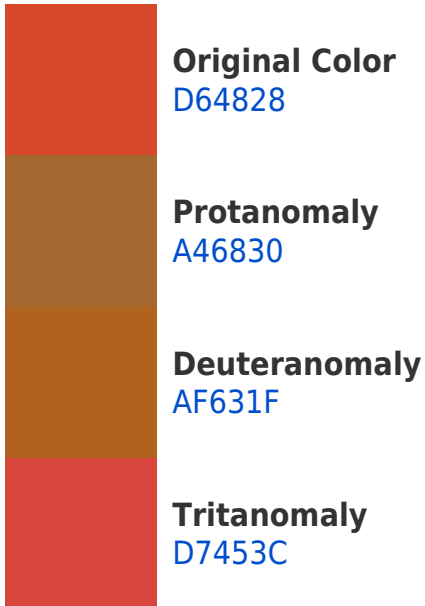
**Protanopia**  
877A35

**Deuteranopia**  
99731A

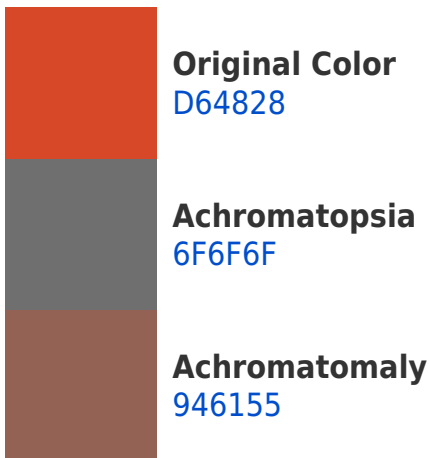


**Tritanopia**  
D74448

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D64828 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 #D64828 looks like.

```
.text, #text, p{  
    color:#D64828  
}
```

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 #D64828 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D64828
}
```

## Border

The CSS property to change the border of an element to Hex D64828 is called "border". The border property can be set on classes, ids or directly on the HTML element.

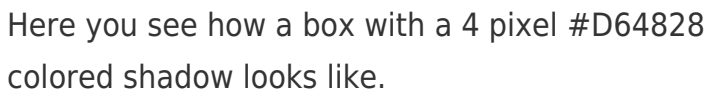
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D64828 }
```

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

```
.border{ border-color:#D64828 }
```

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



Here you see how a box with a 4 pixel #D64828 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D64828; -webkit-box-shadow:4px 4px  
4px 4px #D64828; box-shadow:4px 4px 4px  
4px #D64828 }
```

# Background

The CSS property to change the background color of an element to Hex D64828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D64828 }
```

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

```
.background{ background-color:#D64828 }
```

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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