

Converting Colors

Hex(D64D3D)

Have a look what the booklet for
Hex(D64D3D) contains.

Hex(D64D3D)	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(D64D3D)

Conversions

Conversions Part 1

Format	Color
Hex	D64D3D
RGB	214, 77, 61
RGB Percent	84%, 30%, 24%
CMY	0.1608, 0.6980, 0.7608
CMYK	0.00, 0.64, 0.71, 0.16
HSL	6°, 65%, 54%
HSV	6°, 71%, 84%
XYZ	31.2277, 19.9408, 6.6180
YIQ	116.1390, 86.7880, 24.0680

Conversions

Conversions Part 2

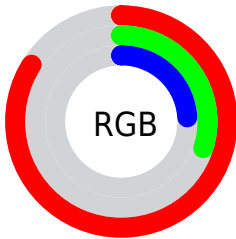
Format	Color
RYB	214, 79, 61
Decimal	14044477
CIELab	51.77, 52.90, 38.21
CIELCh	52, 65.258, 35.840
Yxy	19.9408, 0.5404, 0.3451
Android (android.graphics.Color)	4292234557 (0xFFD64D3D)
YUV	116.1390, -27.1835, 85.8241
Hunter-Lab	44.6551, 46.6801, 22.4717

Details

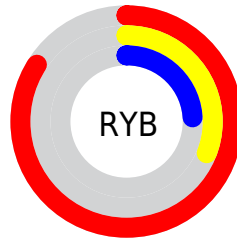
The Hex color **D64D3D** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **3DC6D6**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF846D**, and **980C11** is the 20% darker color. If you saturate the color by 10%, you get **D63A28**, and if you desaturate by 10%, it is **D66052**.

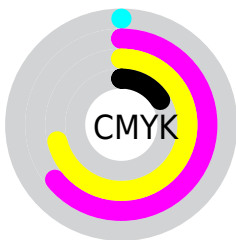
Distribution



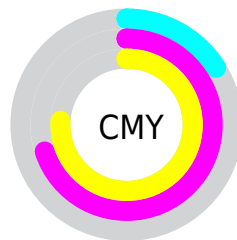
- Red (84%)
- Green (30%)
- Blue (24%)



- Red (84%)
- Yellow (31%)
- Blue (24%)



- Cyan (0%)
- Magenta (64%)
- Yellow (71%)
- Black (16%)



- Cyan (16%)
- Magenta (70%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color D64D3D 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 D64D3D by changing the saturation by 10% instead.

 D64D3D

 D64D3D

FFFFFF

 B73126

 FF846D

 980C11

 FFA087

 7A0000

 FFBCA1

 5B0000

 FFD9BC

 400002

 FFF6D8

 1F0001

 FFFFF5

 000000

 D64D3D

 D64D3D

 D63A28

 D66052

 D62712

 D67368

 D61600

 D6867D

 D69A93

 D6ADA8

 D6C0BD

 D6D3D3

 D6E6E8

 D6F9FE

Harmonies

Analogous

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



DD3D73



D64D3D



B86700

Triad

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



D64D3D



00924B



007FEB

Complementary

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



D64D3D



3DC6D6

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.



008DE1



D64D3D



009485

Square

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



D64D3D



4F8A0D



0094BC



8967D7

Rectangle

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



D64D3D



9B7600



0094BC



0085EC

Sweetspot

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



D64D3D



FFCFC9



D63DC7



806360



000000



808080

Same Dimension

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



D64D3D



FF3B24



D6993D



6B6260



AB1200



2B0500

Inverse Universe

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



3DC6D6



24E8FF



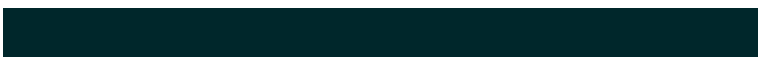
3D7AD6



606A6B



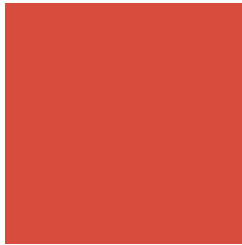
0099AB



00272B

Previews

White Background



This preview shows how the Hex color D64D3D looks on a white background.

Color Contrast Check

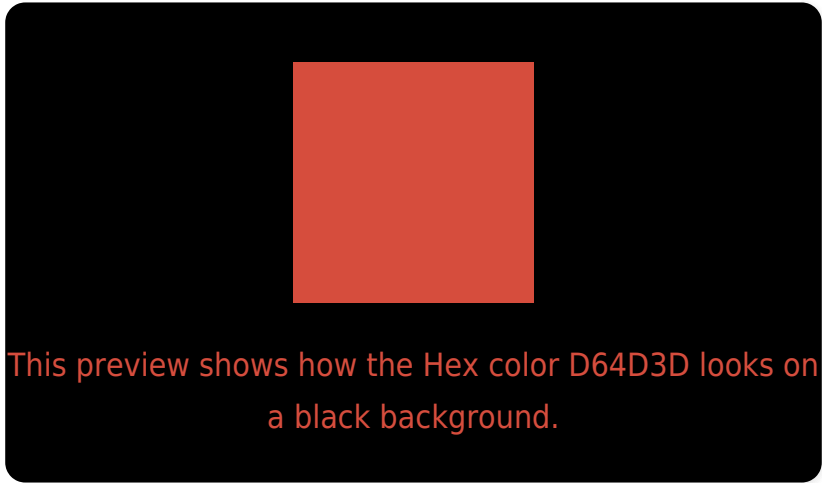
Large Text (above 18pt) WCAG AA ✓ Pass

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 D64D3D Background



This preview shows how black text looks on a background with the Hex color D64D3D.



This preview shows how white text looks on a background with the Hex color D64D3D.

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
D64D3D

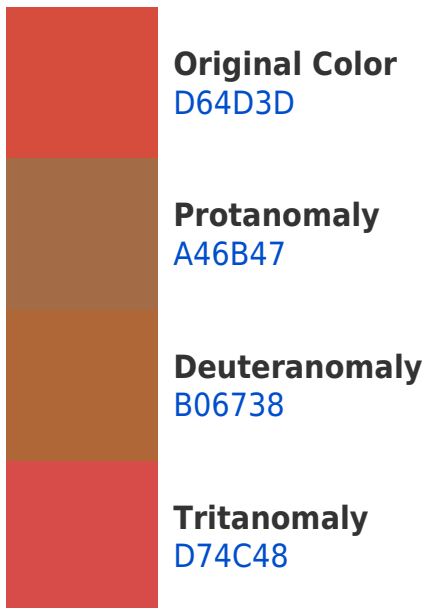
Protanopia
877C4D

Deuteranopia
9A7635

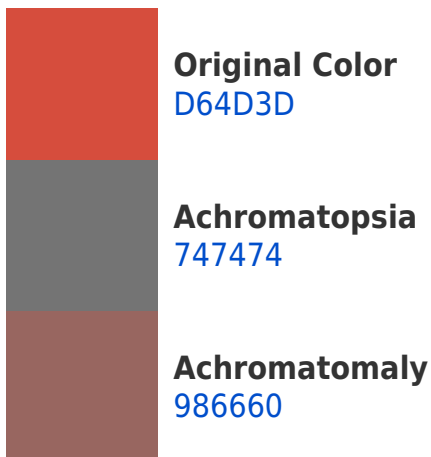


Tritanopia
D74B4F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D64D3D 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 #D64D3D looks like.

```
.text, #text, p{  
    color:#D64D3D  
}
```

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 #D64D3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D64D3D }  
}
```

Border

The CSS property to change the border of an element to Hex D64D3D 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 #D64D3D }  
}
```

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

```
.border{ border-color:#D64D3D }
```

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

Here you see how a box with a 4 pixel #D64D3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D64D3D; -webkit-box-shadow:4px 4px  
4px 4px #D64D3D; box-shadow:4px 4px 4px  
4px #D64D3D }
```

Background

The CSS property to change the background color of an element to Hex D64D3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D64D3D }
```

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

```
.background{ background-color:#D64D3D }
```

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