

Converting Colors

Hex(D64B50)

Have a look what the booklet for
Hex(D64B50) contains.

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Color

Hex(D64B50)

Conversions

Conversions Part 1

Format	Color
Hex	D64B50
RGB	214, 75, 80
RGB Percent	84%, 29%, 31%
CMY	0.1608, 0.7059, 0.6863
CMYK	0.00, 0.65, 0.63, 0.16
HSL	358°, 63%, 57%
HSV	358°, 65%, 84%
XYZ	31.6956, 19.9075, 9.7614
YIQ	117.1310, 81.2390, 31.0230

Conversions

Conversions Part 2

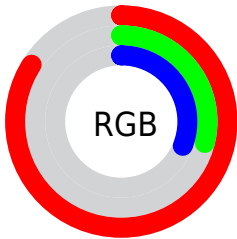
Format	Color
RYB	214, 75, 80
Decimal	14043984
CIELab	51.73, 54.78, 27.27
CIElCh	52, 61.190, 26.464
Yxy	19.9075, 0.5165, 0.3244
Android (android.graphics.Color)	4292234064 (0xFFD64B50)
YUV	117.1310, -18.3056, 84.9541
Hunter-Lab	44.6178, 48.7217, 18.2611

Details

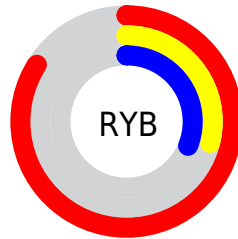
The Hex color **D64B50** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **4BD6D1**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF8281**, and **990424** is the 20% darker color. If you saturate the color by 10%, you get **D6363B**, and if you desaturate by 10%, it is **D66065**.

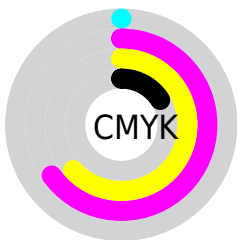
Distribution



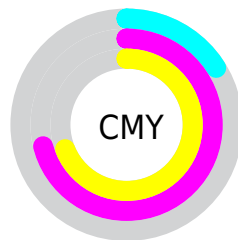
- Red (84%)
- Green (29%)
- Blue (31%)



- Red (84%)
- Yellow (29%)
- Blue (31%)



- Cyan (0%)
- Magenta (65%)
- Yellow (63%)
- Black (16%)



- Cyan (16%)
- Magenta (71%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color D64B50 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 D64B50 by changing the saturation by 10% instead.

 D64B50

 D64B50

FFFFFF

 B72E39

 FF8281

 990424

 FF9E9B

 7B000F

 FFBBB6

 5D0000

 FFD7D2

 410002

 FFF5EE

 210001

 000000

 D64B50

 D64B50

 D6363B

 D66065

 D62027

 D67679

 D60B12

 D68B8E

 D60008

 D6A1A3

 D6B6B7

 D6CBCC

 D6E1E0

 D6F6F5

 D6FFFF

Harmonies

Analogous

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



D44584



D64B50



C06121

Triad

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



D64B50



008F3E



0084E4

Complementary

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



D64B50



4BD6D1

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.



008FD2



D64B50



009373

Square

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



D64B50



678605



0093A9



6D70DA

Rectangle

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



D64B50



A87000



0093A9



0088E1

Sweetspot

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



D64B50



FFCFD0



CF4BD6



806263



000000



808080

Same Dimension

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



D64B50



FF383F



D68A4B



6B6061



AB0006



2B0002

Inverse Universe

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



D64B50



FF383F



4B97D6



6B6061



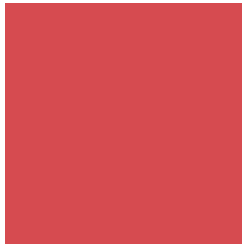
AB0006



2B0002

Previews

White Background



This preview shows how the Hex color D64B50 looks on a white background.

Color Contrast Check

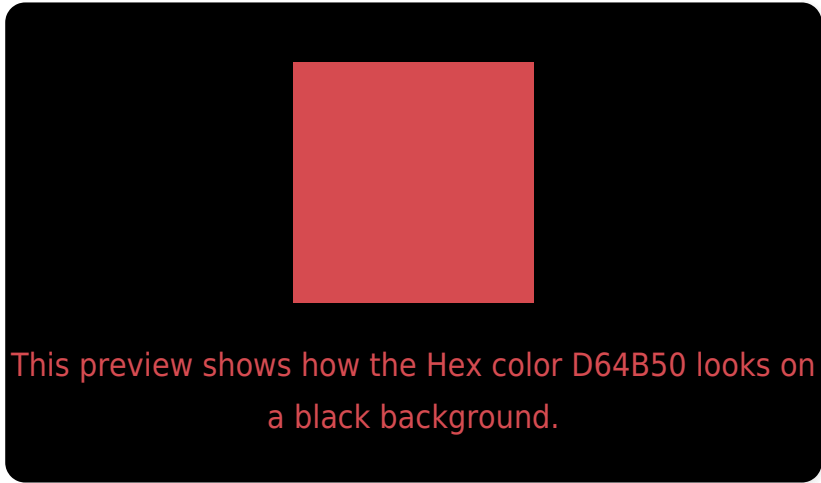
Large Text (above 18pt) WCAG AA ✓ Pass

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 D64B50 Background



This preview shows how black text looks on a background with the Hex color D64B50.



This preview shows how white text looks on a background with the Hex color D64B50.

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
D64B50

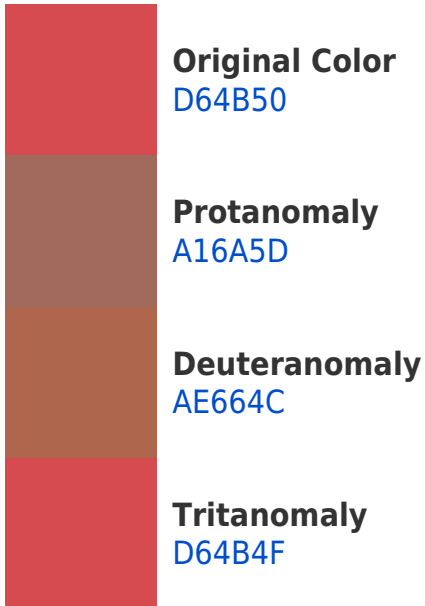
Protanopia
837C64

Deuteranopia
977649



Tritanopia
D64B4F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D64B50 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 #D64B50 looks like.

```
.text, #text, p{  
    color:#D64B50  
}
```

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 #D64B50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D64B50
}
```

Border

The CSS property to change the border of an element to Hex D64B50 is called "border". The border property can be set on classes, ids or directly on the HTML element.

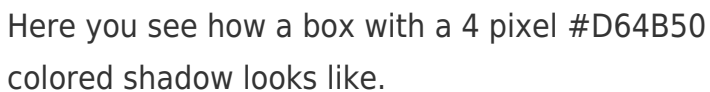
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D64B50 }
```

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

```
.border{ border-color:#D64B50 }
```

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



Here you see how a box with a 4 pixel #D64B50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D64B50; -webkit-box-shadow:4px 4px  
4px 4px #D64B50; box-shadow:4px 4px 4px  
4px #D64B50 }
```

Background

The CSS property to change the background color of an element to Hex D64B50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D64B50 }
```

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

```
.background{ background-color:#D64B50 }
```

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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