

Converting Colors

Hex(D64151)

Have a look what the booklet for
Hex(D64151) contains.

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Color

Hex(D64151)

Conversions

Conversions Part 1

Format	Color
Hex	D64151
RGB	214, 65, 81
RGB Percent	84%, 25%, 32%
CMY	0.1608, 0.7451, 0.6824
CMYK	0.00, 0.70, 0.62, 0.16
HSL	354°, 65%, 55%
HSV	354°, 70%, 84%
XYZ	31.1071, 18.6708, 9.7489
YIQ	111.3750, 83.6680, 36.5640

Conversions

Conversions Part 2

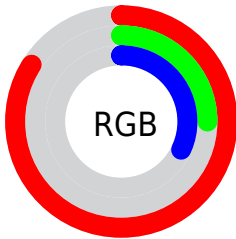
Format	Color
R_{YB}	214, 65, 81
Decimal	14041425
CIE _{Lab}	50.30, 58.79, 24.84
CIE _{LCh}	50, 63.825, 22.901
Yxy	18.6708, 0.5226, 0.3137
Android (android.graphics.Color)	4292231505 (0xFFD64151)
YUV	111.3750, -14.9749, 90.0021
Hunter-Lab	43.2097, 52.8866, 16.8699

Details

The Hex color **D64151** 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 **41D6C6**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF7A82**, and **980025** is the 20% darker color. If you saturate the color by 10%, you get **D62C3E**, and if you desaturate by 10%, it is **D65664**.

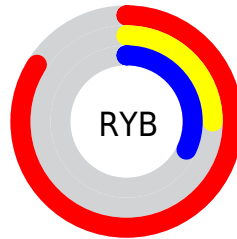
Distribution



Red (84%)

Green (25%)

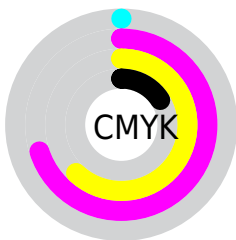
Blue (32%)



Red (84%)

Yellow (25%)

Blue (32%)

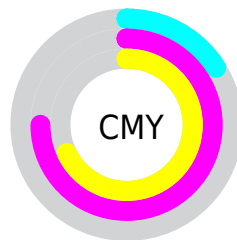


Cyan (0%)

Magenta (70%)

Yellow (62%)

Black (16%)



Cyan (16%)

Magenta (75%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color D64151 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 D64151 by changing the saturation by 10% instead.

 D64151

 D64151

FFFFFF

 B7203A

 FF7A82

 980025

 FF969C

 7A0011

 FFB2B7

 5C0000

 FFCFD3

 410003

 FFEDEF

 1F0001

 000000

 D64151

 D64151

 D62C3E

 D65664

 D6162B

 D66C77

 D60118

 D6818A

 D60017

 D6979D

 D6ACB1

 D6C1C4

 D6D7D7

 D6ECEA

 D6FFFD

Harmonies

Analogous

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



D13D87



D64151



C1591E

Triad

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



D64151



098B30



0082E4

Complementary

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



D64151



41D6C6

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.



008DCE



D64151



008F69

Square

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



D64151



688100



0090A1



596FDD

Rectangle

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



D64151



A96A00



0090A1



0087E0

Sweetspot

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



D64151



FFC9CF



C541D6



806063



000000



808080

Same Dimension

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



D64151



FF2940



D67A41



6B6062



AB0012



2B0005

Inverse Universe

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



D64151



FF2940



419DD6



6B6062



AB0012



2B0005

Previews

White Background



This preview shows how the Hex color D64151 looks on a white background.

Color Contrast Check

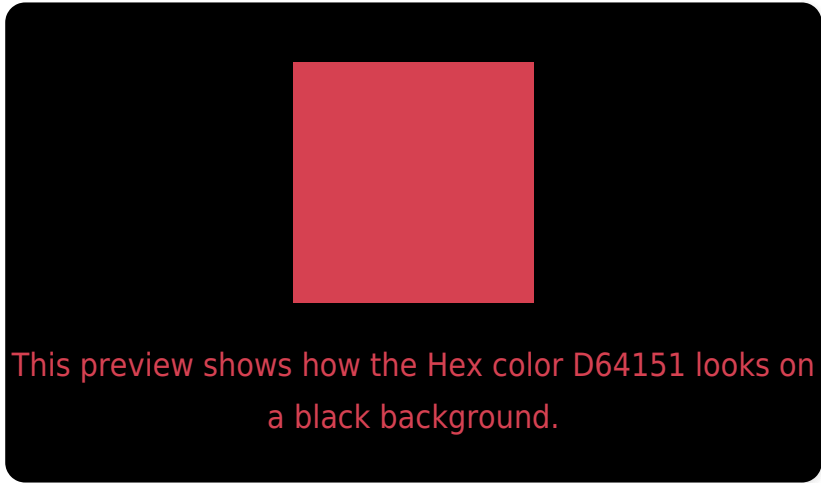
Large Text (above 18pt) WCAG AA ✓ Pass

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 D64151 Background



This preview shows how black text looks on a background with the Hex color D64151.

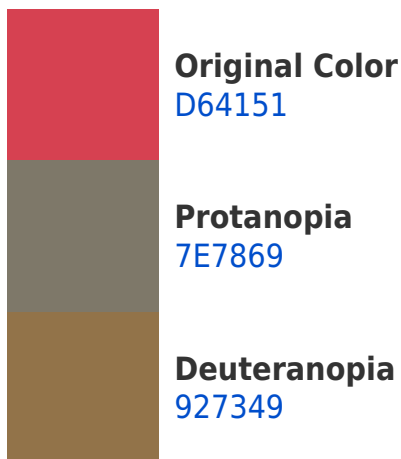


This preview shows how white text looks on a background with the Hex color D64151.

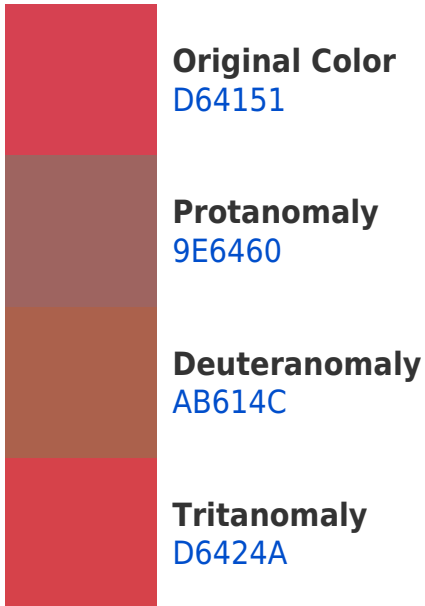
Color Blindness Simulation

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](#).

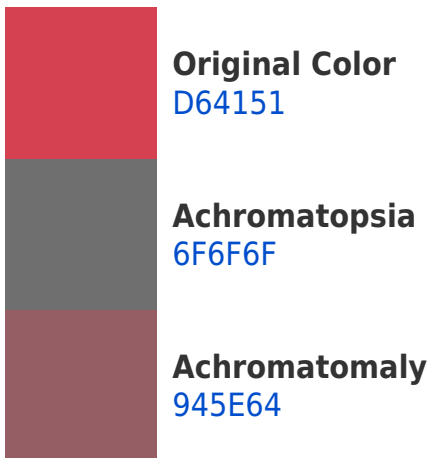
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D64151 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 #D64151 looks like.

```
.text, #text, p{  
    color:#D64151  
}
```

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 #D64151 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D64151
}
```

Border

The CSS property to change the border of an element to Hex D64151 is called "border". The border property can be set on classes, ids or directly on the HTML element.

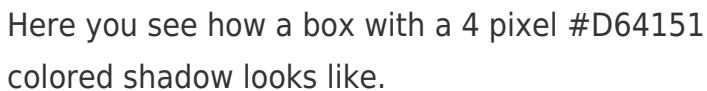
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D64151 }
```

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

```
.border{ border-color:#D64151 }
```

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



Here you see how a box with a 4 pixel #D64151 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D64151; -webkit-box-shadow:4px 4px  
4px 4px #D64151; box-shadow:4px 4px 4px  
4px #D64151 }
```

Background

The CSS property to change the background color of an element to Hex D64151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D64151 }
```

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

```
.background{ background-color:#D64151 }
```

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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