

Converting Colors

Hex(D64459)

Have a look what the booklet for
Hex(D64459) contains.

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Color

Hex(D64459)

Conversions

Conversions Part 1

Format	Color
Hex	D64459
RGB	214, 68, 89
RGB Percent	84%, 27%, 35%
CMY	0.1608, 0.7333, 0.6510
CMYK	0.00, 0.68, 0.58, 0.16
HSL	351°, 64%, 55%
HSV	351°, 68%, 84%
XYZ	31.6019, 19.1517, 11.4822
YIQ	114.0480, 80.2750, 37.4830

Conversions

Conversions Part 2

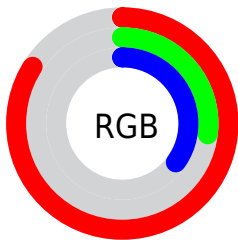
Format	Color
R_{YB}	214, 68, 89
Decimal	14042201
CIE _{Lab}	50.86, 58.18, 20.79
CIE _{LCh}	51, 61.783, 19.667
Yxy	19.1517, 0.5078, 0.3077
Android (android.graphics.Color)	4292232281 (0xFFD64459)
YUV	114.0480, -12.3487, 87.6579
Hunter-Lab	43.7626, 52.3139, 15.0776

Details

The Hex color **D64459** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **44D6C1**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF7D8B**, and **99002C** is the 20% darker color. If you saturate the color by 10%, you get **D62F47**, and if you desaturate by 10%, it is **D6596B**.

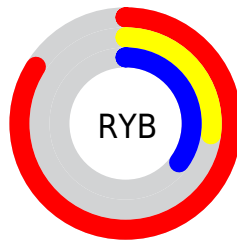
Distribution



Red (84%)

Green (27%)

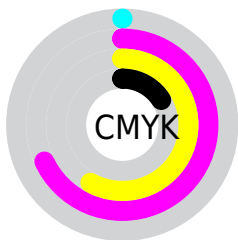
Blue (35%)



Red (84%)

Yellow (27%)

Blue (35%)

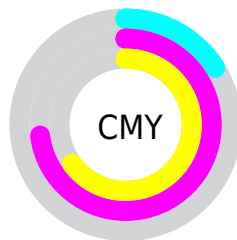


Cyan (0%)

Magenta (68%)

Yellow (58%)

Black (16%)



Cyan (16%)

Magenta (73%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color D64459 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 D64459 by changing the saturation by 10% instead.

 D64459

 D64459

FFFFFF

 B72442

 FF7D8B

 99002C

 FF99A5

 7B0018

 FFB5C0

 5D0000

 FFD2DC

 420002

 FFEFF8

 210001

 000000

 D64459

 D64459

 D62F47

 D6596B

 D61934

 D66F7E

 D60422

 D68490

 D6001F

 D69AA2

 D6AFB5

 D6C4C7

 D6DAD9

 D6EFEC

 D6FFFE

Harmonies

Analogous

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



CE448E



D64459



C45928

Triad

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



D64459



298B2F



0085E1

Complementary

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



D64459



44D6C1

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.



008EC9



D64459



009064

Square

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



D64459



718100



00919B



4F73DD

Rectangle

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



D64459



AE6902



00919B



0089DC

Sweetspot

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



D64459



FFCCD3



C044D6



806165



000000



808080

Same Dimension

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



D64459



FF2E4C



D67744



6B6062



AB0019



2B0006

Inverse Universe

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



D64459



FF2E4C



44A3D6



6B6062



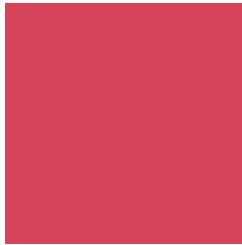
AB0019



2B0006

Previews

White Background



This preview shows how the Hex color D64459 looks on a white background.

Color Contrast Check

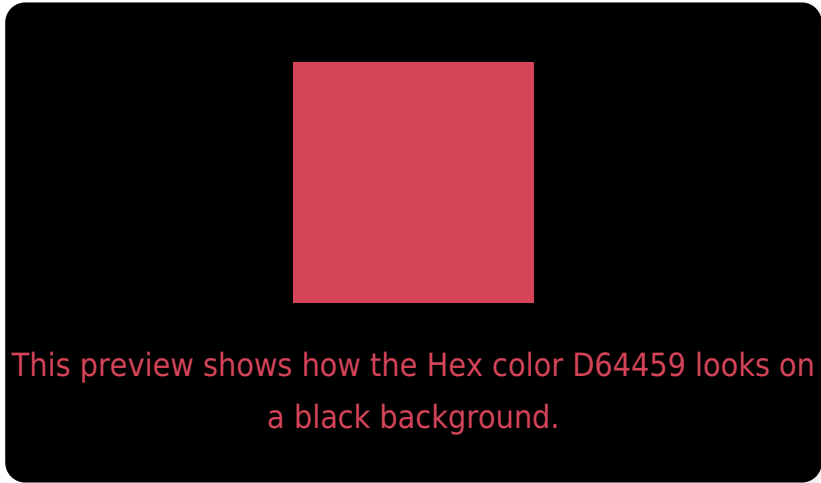
Large Text (above 18pt) WCAG AA ✓ Pass

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 D64459 Background



This preview shows how black text looks on a background with the Hex color D64459.



This preview shows how white text looks on a background with the Hex color D64459.

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
D64459

Protanopia
7E7971

Deuteranopia
927452



Tritanopia
D5474B

Trichromacy



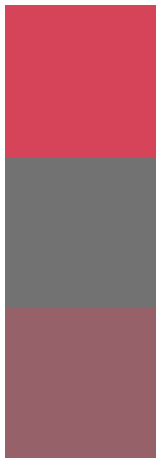
Original Color
D64459

Protanomaly
9E6668

Deuteranomaly
AB6355

Tritanomaly
D54650

Monochromacy



Original Color
D64459

Achromatopsia
727272

Achromatomaly
966169

CSS Examples

Text

The CSS property to change the color of the text to Hex D64459 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 #D64459 looks like.

```
.text, #text, p{  
    color:#D64459  
}
```

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 #D64459 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D64459
}
```

Border

The CSS property to change the border of an element to Hex D64459 is called "border". The border property can be set on classes, ids or directly on the HTML element.

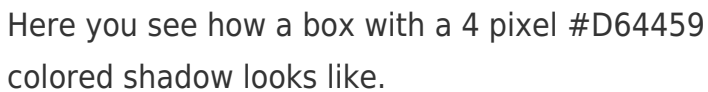
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D64459 }
```

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

```
.border{ border-color:#D64459 }
```

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



Here you see how a box with a 4 pixel #D64459 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D64459; -webkit-box-shadow:4px 4px  
4px 4px #D64459; box-shadow:4px 4px 4px  
4px #D64459 }
```

Background

The CSS property to change the background color of an element to Hex D64459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D64459 }
```

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

```
.background{ background-color:#D64459 }
```

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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