

Converting Colors

Hex(D64456)

Have a look what the booklet for
Hex(D64456) contains.

Hex(D64456)	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(D64456)

Conversions

Conversions Part 1

Format	Color
Hex	D64456
RGB	214, 68, 86
RGB Percent	84%, 27%, 34%
CMY	0.1608, 0.7333, 0.6627
CMYK	0.00, 0.68, 0.60, 0.16
HSL	353°, 64%, 55%
HSV	353°, 68%, 84%
XYZ	31.4784, 19.1023, 10.8321
YIQ	113.7060, 81.2380, 36.5500

Conversions

Conversions Part 2

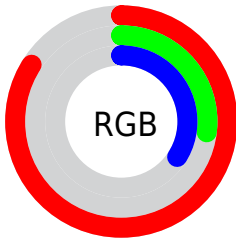
Format	Color
R_{YB}	214, 68, 86
Decimal	14042198
CIE _{Lab}	50.81, 57.98, 22.51
CIE _{LCh}	51, 62.193, 21.221
Yxy	19.1023, 0.5126, 0.3110
Android (android.graphics.Color)	4292232278 (0xFFD64456)
YUV	113.7060, -13.6591, 87.9578
Hunter-Lab	43.7061, 52.0750, 15.8999

Details

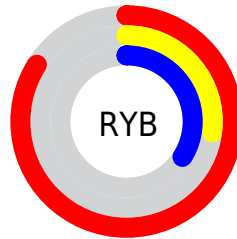
The Hex color **D64456** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **44D6C4**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF7C88**, and **990029** is the 20% darker color. If you saturate the color by 10%, you get **D62F43**, and if you desaturate by 10%, it is **D65969**.

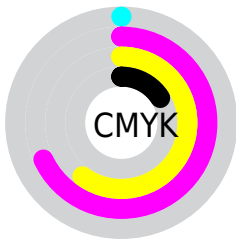
Distribution



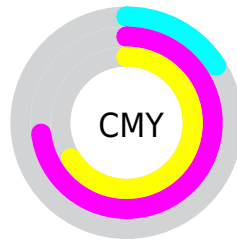
- Red (84%)
- Green (27%)
- Blue (34%)



- Red (84%)
- Yellow (27%)
- Blue (34%)



- Cyan (0%)
- Magenta (68%)
- Yellow (60%)
- Black (16%)



- Cyan (16%)
- Magenta (73%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color D64456 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 D64456 by changing the saturation by 10% instead.

 D64456

 D64456

FFFFFF

 B7253F

 FF7C88

 990029

 FF99A2

 7B0015

 FFB5BD

 5D0000

 FFD2D8

 410002

 FFEFF5

 200001

 000000

 D64456

 D64456

 D62F43

 D65969

 D61930

 D66F7C

 D6041E

 D6848E

 D6001A

 D69AA1

 D6AFB4

 D6C4C7

 D6DAD9

 D6EFEC

 D6FFFF

Harmonies

Analogous

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



CF428B



D64456



C35A25

Triad

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



D64456



208B31



0084E2

Complementary

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



D64456



44D6C4

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.



008ECB



D64456



009067

Square

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



D64456



6E8200



00919E



5572DD

Rectangle

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



D64456



AC6A00



00919E



0088DE

Sweetspot

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



D64456



FFCCD2



C344D6



806165



000000



808080

Same Dimension

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



D64456



FF2E48



D67A44



6B6062



AB0015



2B0005

Inverse Universe

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



D64456



FF2E48



44A0D6



6B6062



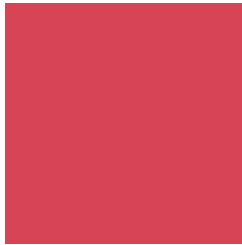
AB0015



2B0005

Previews

White Background



This preview shows how the Hex color D64456 looks on a white background.

Color Contrast Check

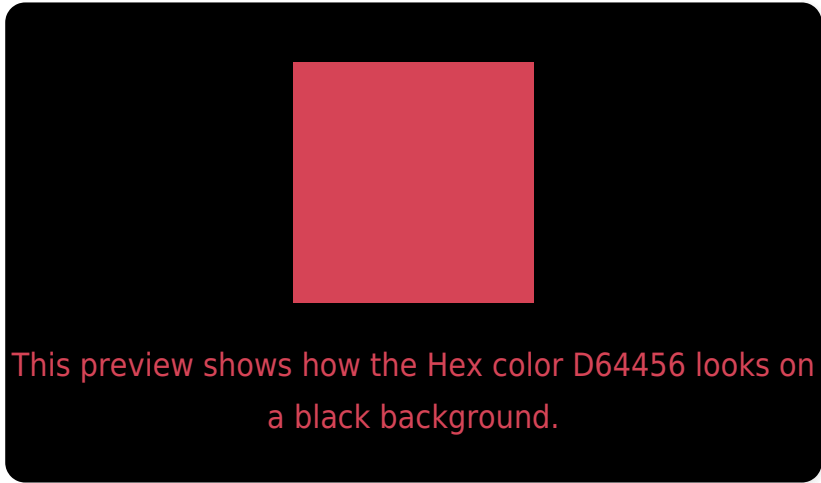
Large Text (above 18pt) WCAG AA ✓ Pass

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 D64456 Background



This preview shows how black text looks on a background with the Hex color D64456.

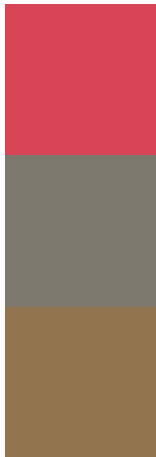


This preview shows how white text looks on a background with the Hex color D64456.

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
D64456

Protanopia
7E796E

Deuteranopia
92744F



Tritanopia
D5464A

Trichromacy



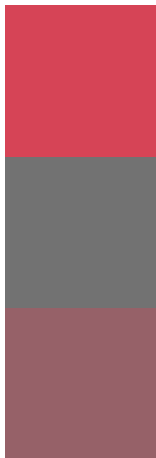
Original Color
D64456

Protanomaly
9E6665

Deuteranomaly
AB6352

Tritanomaly
D5454E

Monochromacy



Original Color
D64456

Achromatopsia
727272

Achromatomaly
966168

CSS Examples

Text

The CSS property to change the color of the text to Hex D64456 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 #D64456 looks like.

```
.text, #text, p{  
    color:#D64456  
}
```

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 #D64456 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D64456
}
```

Border

The CSS property to change the border of an element to Hex D64456 is called "border". The border property can be set on classes, ids or directly on the HTML element.

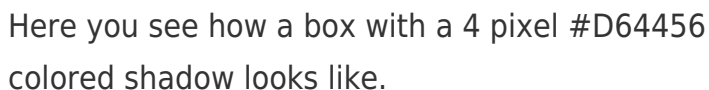
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D64456 }
```

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

```
.border{ border-color:#D64456 }
```

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



Here you see how a box with a 4 pixel #D64456 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D64456; -webkit-box-shadow:4px 4px  
4px 4px #D64456; box-shadow:4px 4px 4px  
4px #D64456 }
```

Background

The CSS property to change the background color of an element to Hex D64456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D64456 }
```

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

```
.background{ background-color:#D64456 }
```

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