

Converting Colors

Hex(D84536)

Have a look what the booklet for
Hex(D84536) contains.

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Color

Hex(D84536)

Conversions

Conversions Part 1

Format	Color
Hex	D84536
RGB	216, 69, 54
RGB Percent	85%, 27%, 21%
CMY	0.1529, 0.7294, 0.7882
CMYK	0.00, 0.68, 0.75, 0.15
HSL	6°, 68%, 53%
HSV	6°, 75%, 85%
XYZ	31.1129, 19.1215, 5.5410
YIQ	111.2430, 92.4270, 26.4990

Conversions

Conversions Part 2

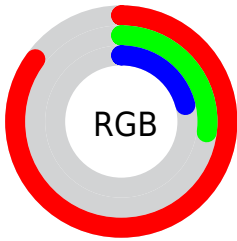
Format	Color
RYB	216, 71, 54
Decimal	14173494
CIELab	50.83, 56.53, 41.11
CIElCh	51, 69.900, 36.022
Yxy	19.1215, 0.5578, 0.3428
Android (android.graphics.Color)	4292363574 (0xFFD84536)
YUV	111.2430, -28.2208, 91.8719
Hunter-Lab	43.7282, 50.4797, 23.0968

Details

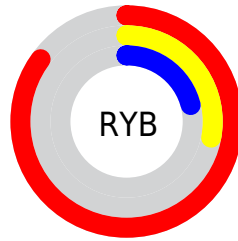
The Hex color **D84536** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **36C9D8**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF7D66**, and **990009** is the 20% darker color. If you saturate the color by 10%, you get **D83120**, and if you desaturate by 10%, it is **D8594C**.

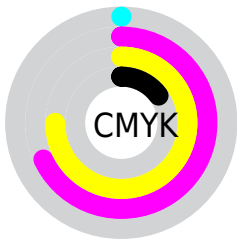
Distribution



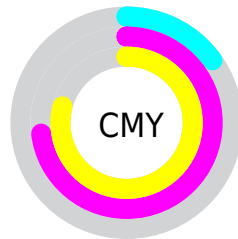
- Red (85%)
- Green (27%)
- Blue (21%)



- Red (85%)
- Yellow (28%)
- Blue (21%)



- Cyan (0%)
- Magenta (68%)
- Yellow (75%)
- Black (15%)



- Cyan (15%)
- Magenta (73%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color D84536 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 D84536 by changing the saturation by 10% instead.

 D84536

 D84536

FFFFFF

 B82620

 FF7D66

 990009

 FF997F

 7B0000

 FFB599

 5C0000

 FFD2B4

 400002

 FFEFD0

 1F0001

 FFFFED

 000000

 D84536

 D84536

 D83120

 D8594C

 D81E0B

 D86C61

 D81400

 D88077

 D8938C

 D8A7A2

 D8BBB8

 D8CECD

 D8E2E3

 D8F5F8

Harmonies

Analogous

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



E02F70



D84536



B86300

Triad

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



D84536



009045



007DF1

Complementary

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



D84536



36C9D8

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.



008CE6



D84536



009384

Square

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



D84536



478900



0092BE



8763DB

Rectangle

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



D84536



997400



0092BE



0083F1

Sweetspot

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



D84536



FFCAC4



D836CB



805F5C



000000



808080

Same Dimension

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



D84536



FF2F19



D89536



6B6160



AB1000



2B0400

Inverse Universe

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



36C9D8



19EAFF



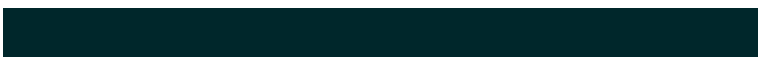
367AD8



606A6B



009BAB



00272B

Previews

White Background



This preview shows how the Hex color D84536 looks on a white background.

Color Contrast Check

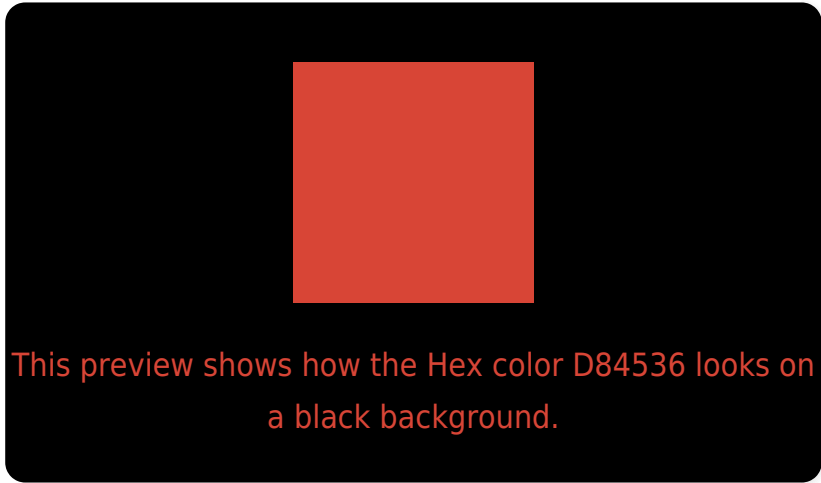
Large Text (above 18pt) WCAG AA ✓ Pass

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 D84536 Background



This preview shows how black text looks on a background with the Hex color D84536.



This preview shows how white text looks on a background with the Hex color D84536.

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
D84536

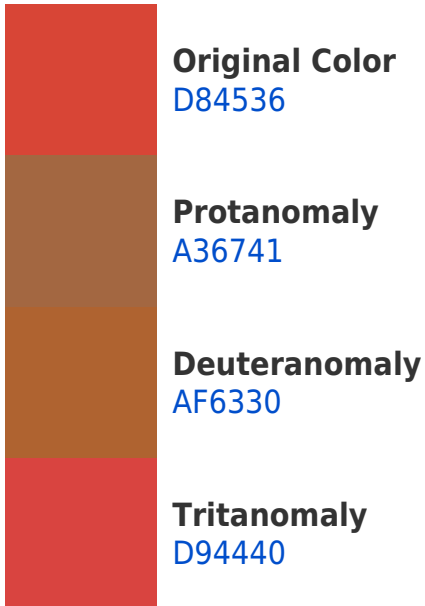
Protanopia
857A47

Deuteranopia
98742C

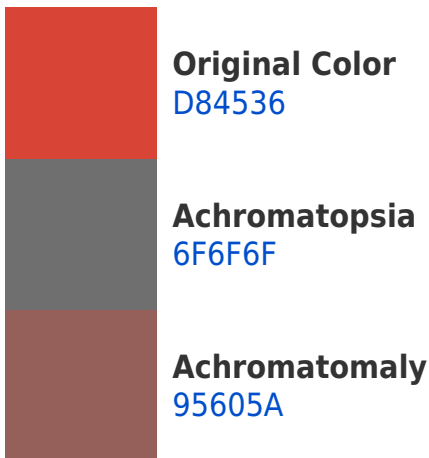


Tritanopia
D94346

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D84536 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 #D84536 looks like.

```
.text, #text, p{  
    color:#D84536  
}
```

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 #D84536 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D84536
}
```

Border

The CSS property to change the border of an element to Hex D84536 is called "border". The border property can be set on classes, ids or directly on the HTML element.

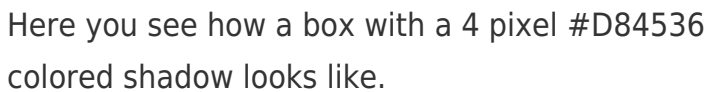
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D84536 }
```

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

```
.border{ border-color:#D84536 }
```

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



Here you see how a box with a 4 pixel #D84536 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D84536; -webkit-box-shadow:4px 4px  
4px 4px #D84536; box-shadow:4px 4px 4px  
4px #D84536 }
```

Background

The CSS property to change the background color of an element to Hex D84536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D84536 }
```

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

```
.background{ background-color:#D84536 }
```

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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