

# Converting Colors

Hex(D85C52)

Have a look what the booklet for  
Hex(D85C52) contains.

<b>Hex(D85C52)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(D85C52)

# Conversions

## Conversions Part 1

Format	Color
Hex	D85C52
RGB	216, 92, 82
RGB Percent	85%, 36%, 32%
CMY	0.1529, 0.6392, 0.6784
CMYK	0.00, 0.57, 0.62, 0.15
HSL	4°, 63%, 58%
HSV	4°, 62%, 85%
XYZ	33.6690, 22.8624, 10.6210
YIQ	127.9360, 77.1140, 23.1780

# Conversions

## Conversions Part 2

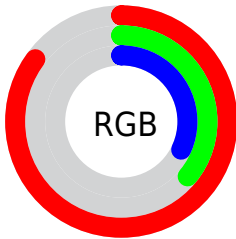
Format	Color
R <sub>Y</sub> B	216, 93, 82
Decimal	14179410
CIE Lab	54.93, 48.05, 30.23
CIE LCh	55, 56.764, 32.176
Yxy	22.8624, 0.5014, 0.3405
Android (android.graphics.Color)	4292369490 (0xFFD85C52)
YUV	127.9360, -22.6464, 77.2321
Hunter-Lab	47.8147, 42.0164, 20.3003

# Details

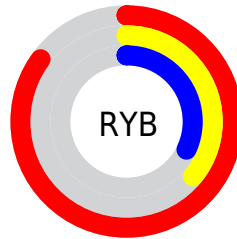
The Hex color **D85C52** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **52CED8**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF9284**, and **9B2525** is the 20% darker color. If you saturate the color by 10%, you get **D8483C**, and if you desaturate by 10%, it is **D87068**.

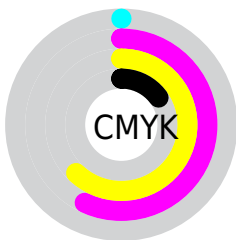
# Distribution



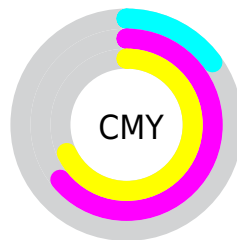
- Red (85%)
- Green (36%)
- Blue (32%)



- Red (85%)
- Yellow (36%)
- Blue (32%)



- Cyan (0%)
- Magenta (57%)
- Yellow (62%)
- Black (15%)



- Cyan (15%)
- Magenta (64%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D85C52 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 D85C52 by changing the saturation by 10% instead.



 D85C52

 D85C52

FFFFFF

 B9413B

 FF9284

 9B2525

 FFAE9E

 7D0010

 FFCAB9

 600000

 FFE7D5

 430000

 FFFFF1

 270001

 000000

 D85C52

 D85C52

 D8483C

 D87068

 D83427

 D8847D

 D82011

 D89893

 D81000

 D8ACA8

 D8C0BE

 D8D4D4

 D8E8E9

 D8FCFF

 D8FFFF

# Harmonies

## Analogous

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



DA5482



D85C52



C0702A

# Triad

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



D85C52



009753



0088E6

# Complementary

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



D85C52



52CED8

# 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.



0094DA



D85C52



009B86

# Square

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



D85C52



679028



009AB7



8875D7

# Rectangle

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



D85C52



A77D16



009AB7



008DE5



# Sweetspot

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



D85C52



FFD2CF



D852CF



806462



000000



808080



# Same Dimension

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



D85C52



FF5042



D89E52



6B6160



AB0D00



2B0300



# Inverse Universe

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



52CED8



42F1FF



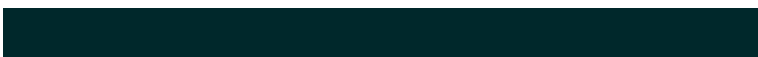
528CD8



606A6B



009EAB



00282B



# Previews

## White Background



This preview shows how the Hex color D85C52 looks on a white background.

## Color Contrast Check

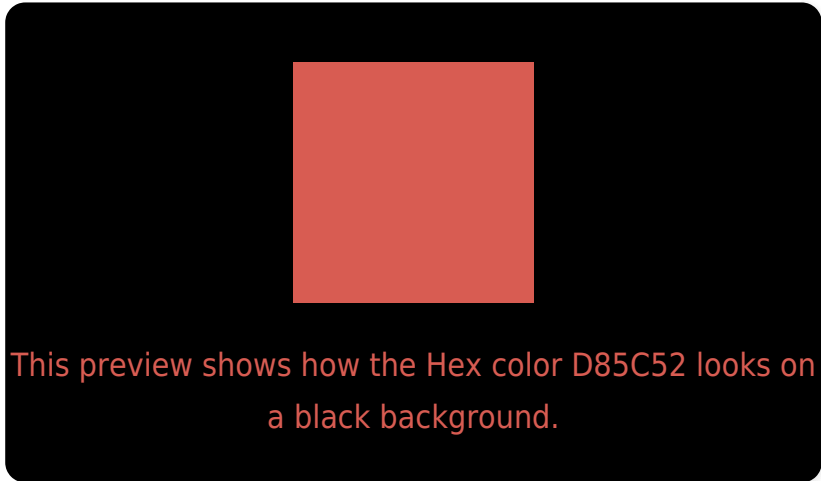
Large Text (above 18pt) WCAG AA ✓ Pass

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 D85C52 Background



This preview shows how black text looks on a background with the Hex color D85C52.



This preview shows how white text looks on a background with the Hex color D85C52.

# 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**  
D85C52

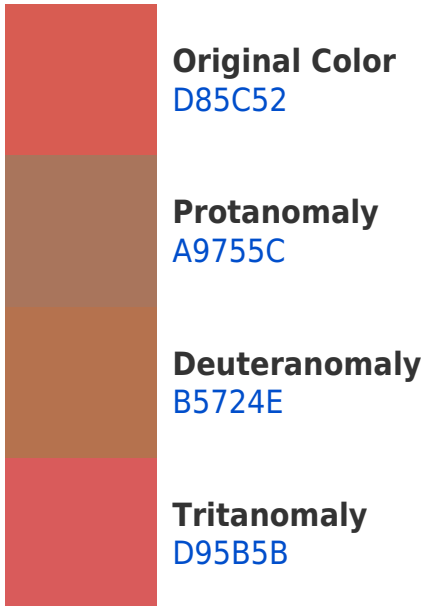
**Protanopia**  
8E8462

**Deuteranopia**  
A17E4C

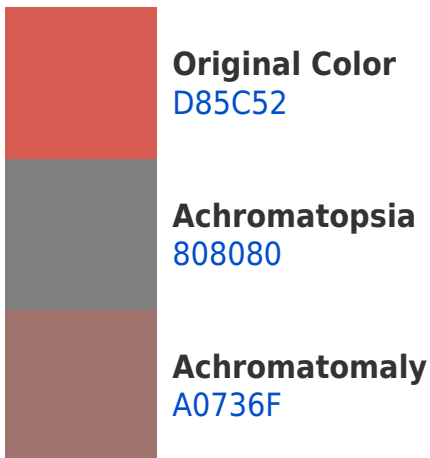


**Tritanopia**  
D95A60

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D85C52 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 #D85C52 looks like.

```
.text, #text, p{  
    color:#D85C52  
}
```

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 #D85C52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D85C52
}
```

## Border

The CSS property to change the border of an element to Hex D85C52 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
#D85C52 }
```

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

```
.border{ border-color:#D85C52 }
```

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

Here you see how a box with a 4 pixel #D85C52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D85C52; -webkit-box-shadow:4px 4px  
4px 4px #D85C52; box-shadow:4px 4px 4px  
4px #D85C52 }
```

# Background

The CSS property to change the background color of an element to Hex D85C52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D85C52 }
```

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

```
.background{ background-color:#D85C52 }
```

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