

# Converting Colors

Hex(D5262C)

Have a look what the booklet for  
Hex(D5262C) contains.

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# Color

Hex(D5262C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D5262C
RGB	213, 38, 44
RGB Percent	84%, 15%, 17%
CMY	0.1647, 0.8510, 0.8275
CMYK	0.00, 0.82, 0.79, 0.16
HSL	358°, 70%, 49%
HSV	358°, 82%, 84%
XYZ	28.5883, 15.7142, 3.9092
YIQ	91.0090, 102.3740, 38.9660

# Conversions

## Conversions Part 2

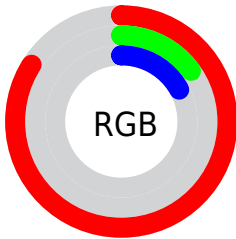
Format	Color
<a href="#">RYB</a>	<a href="#">213, 38, 44</a>
Decimal	<a href="#">13968940</a>
CIELab	<a href="#">46.60, 65.19, 41.95</a>
CIElCh	<a href="#">47, 77.520, 32.759</a>
Yxy	<a href="#">15.7142, 0.5930, 0.3259</a>
Android (android.graphics.Color)	<a href="#">4292159020 (0xFFD5262C)</a>
YUV	<a href="#">91.0090, -23.1754, 106.9861</a>
Hunter-Lab	<a href="#">39.6412, 59.3582, 21.9019</a>

# Details

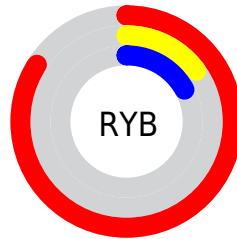
The Hex color **D5262C** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **26D5CF**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF665B**, and **950000** is the 20% darker color. If you saturate the color by 10%, you get **D51117**, and if you desaturate by 10%, it is **D53B41**.

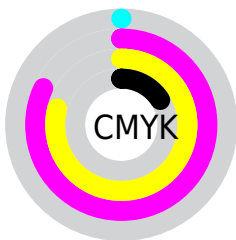
# Distribution



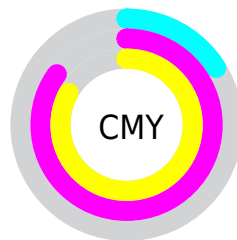
- Red (84%)
- Green (15%)
- Blue (17%)



- Red (84%)
- Yellow (15%)
- Blue (17%)



- Cyan (0%)
- Magenta (82%)
- Yellow (79%)
- Black (16%)



- Cyan (16%)
- Magenta (85%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5262C 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 D5262C by changing the saturation by 10% instead.



 D5262C

 D5262C

FFFFFF

 B50016

 FF665B

 950000

 FF8374

 760000

 FFA08D

 570001

 FFBD A8

 3A0002

 FFDAC3

 120000

 FFF8DF

 000000

 FFFFFC

 D5262C

 D5262C

 D51117

 D53B41

 D50007

 D55155

 D5666A

 D57B7E

 D59193

 D5A6A7

 D5BBBC

 D5D0D1

 D5E6E5

# Harmonies

## Analogous

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



DC006B



D5262C



B45300

# Triad

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



D5262C



00862D



0076F3

# Complementary

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



D5262C



26D5CF

# 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.



0084E3



D5262C



008973

# Square

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



D5262C



3C7E00



0089B4



6D59DE

# Rectangle

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



D5262C



946600



0089B4



007CF1



# Sweetspot

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



D5262C



FFBFC1



CC26D5



80595B



000000



808080



# Same Dimension

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



D5262C



FF030B



D57526



6B6061



AB0006



2B0001



# Inverse Universe

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



D5262C



FF030B



2686D5



6B6061



AB0006



2B0001



# Previews

## White Background



This preview shows how the Hex color D5262C looks on a white 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

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D5262C Background



This preview shows how black text looks on a background with the Hex color D5262C.



This preview shows how white text looks on a background with the Hex color D5262C.

# 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**  
D5262C

**Protanopia**  
7A6F40

**Deuteranopia**  
8C6A1E



**Tritanopia**  
D52726

# Trichromacy



**Original Color**  
D5262C

**Protanomaly**  
9B5439

**Deuteranomaly**  
A75123

**Tritanomaly**  
D52728

# Monochromacy



**Original Color**  
D5262C

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
87484A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5262C 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 #D5262C looks like.

```
.text, #text, p{  
    color:#D5262C  
}
```

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 #D5262C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5262C
}
```

## Border

The CSS property to change the border of an element to Hex D5262C is called "border". The border property can be set on classes, ids or directly on the HTML element.

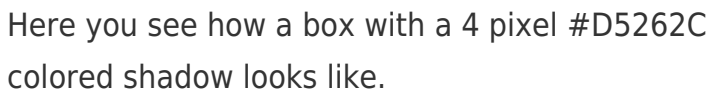
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D5262C }
```

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

```
.border{ border-color:#D5262C }
```

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



Here you see how a box with a 4 pixel #D5262C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5262C; -webkit-box-shadow:4px 4px  
4px 4px #D5262C; box-shadow:4px 4px 4px  
4px #D5262C }
```

# Background

The CSS property to change the background color of an element to Hex D5262C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5262C }
```

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

```
.background{ background-color:#D5262C }
```

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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