

# Converting Colors

Hex(D75331)

Have a look what the booklet for  
Hex(D75331) contains.

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**Color**

**Hex(D75331)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D75331
RGB	215, 83, 49
RGB Percent	84%, 33%, 19%
CMY	0.1569, 0.6745, 0.8078
CMYK	0.00, 0.61, 0.77, 0.16
HSL	12°, 67%, 52%
HSV	12°, 77%, 84%
XYZ	31.6720, 20.8553, 5.2619
YIQ	118.5920, 89.5860, 17.4100

# Conversions

## Conversions Part 2

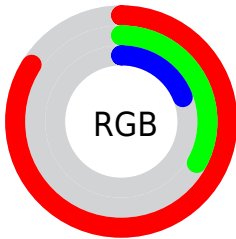
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	215, 92, 49
Decimal	14111537
CIE Lab	52.79, 50.13, 45.76
CIE LCh	53, 67.872, 42.388
Yxy	20.8553, 0.5481, 0.3609
Android (android.graphics.Color)	4292301617 (0xFFD75331)
YUV	118.5920, -34.3089, 84.5498
Hunter-Lab	45.6676, 43.8771, 25.1358

# Details

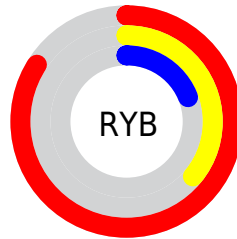
The Hex color **D75331** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **31B5D7**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF8961**, and **991901** is the 20% darker color. If you saturate the color by 10%, you get **D7421C**, and if you desaturate by 10%, it is **D76447**.

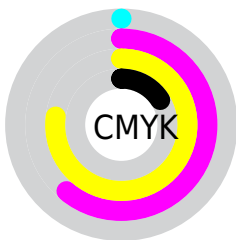
# Distribution



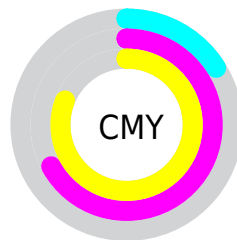
- Red (84%)
- Green (33%)
- Blue (19%)



- Red (84%)
- Yellow (36%)
- Blue (19%)



- Cyan (0%)
- Magenta (61%)
- Yellow (77%)
- Black (16%)



- Cyan (16%)
- Magenta (67%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D75331 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 D75331 by changing the saturation by 10% instead.



 D75331

 D75331

FFFFFF

 B8381A

 FF8961

 991901

 FFA57B

 7A0000

 FFC195

 5C0000

 FFDEB0

 400001

 FFFBCC

 210001

 FFFFEE

 000000

 D75331

 D75331

 D7421C

 D76447

 D73106

 D7755C

 D72C00

 D78672

 D79787

 D7A89D

 D7BAB2

 D7CBC8

 D7DCDD

 D7EDF3

# Harmonies

## Analogous

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



E53C68



D75331



B46E00

# Triad

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



D75331



009658



007DF1

# Complementary

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



D75331



31B5D7

# 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.



008EEE



D75331



009895

# Square

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



D75331



3D901A



0096CC



9E62D5

# Rectangle

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



D75331



947D00



0096CC



0084F4



# Sweetspot

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



D75331



FFD0C4



D731B6



80635C



000000



808080



# Same Dimension

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



D75331



FF4212



D7A531



6B6360



AB2300



2B0900

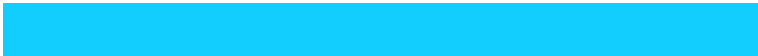


# Inverse Universe

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



31B5D7



12CEFF



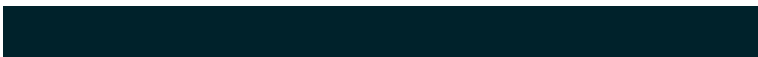
3163D7



60696B



0088AB

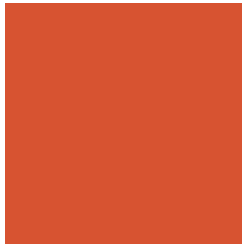


00222B



# Previews

## White Background



This preview shows how the Hex color D75331 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 D75331 Background



This preview shows how black text looks on a background with the Hex color D75331.



This preview shows how white text looks on a background with the Hex color D75331.

# 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**  
D75331

**Protanopia**  
8C7F3E

**Deuteranopia**  
9F7827



**Tritanopia**  
D84F54

# Trichromacy



**Original Color**  
D75331

**Protanomaly**  
A76F39

**Deuteranomaly**  
B36B2B

**Tritanomaly**  
D85047

# Monochromacy



**Original Color**  
D75331

**Achromatopsia**  
777777

**Achromatomaly**  
9A6A5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D75331 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 #D75331 looks like.

```
.text, #text, p{  
    color:#D75331  
}
```

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 #D75331 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D75331
}
```

## Border

The CSS property to change the border of an element to Hex D75331 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".

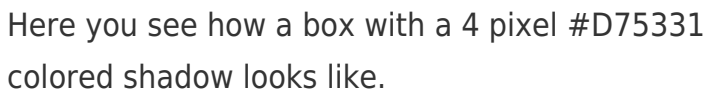
```
.border, #border, table{ border:4px solid
#D75331 }
```

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

```
.border{ border-color:#D75331 }
```

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

Here you see how a box with a 4 pixel #D75331 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D75331; -webkit-box-shadow:4px 4px  
4px 4px #D75331; box-shadow:4px 4px 4px  
4px #D75331 }
```

# Background

The CSS property to change the background color of an element to Hex D75331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D75331 }
```

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

```
.background{ background-color:#D75331 }
```

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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