

# Converting Colors

Hex(D95C33)

Have a look what the booklet for  
Hex(D95C33) contains.

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# Color

Hex(D95C33)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D95C33
RGB	217, 92, 51
RGB Percent	85%, 36%, 20%
CMY	0.1490, 0.6392, 0.8000
CMYK	0.00, 0.58, 0.76, 0.15
HSL	15°, 69%, 53%
HSV	15°, 76%, 85%
XYZ	33.0400, 22.6450, 5.7615
YIQ	124.7010, 87.6610, 13.7490

# Conversions

## Conversions Part 2

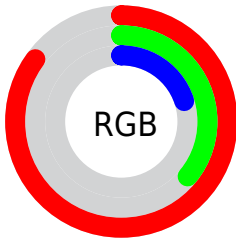
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">217, 105, 51</a>
Decimal	<a href="#">14244915</a>
CIELab	<a href="#">54.70, 46.80, 46.82</a>
CIELCh	<a href="#">55, 66.200, 45.011</a>
Yxy	<a href="#">22.6450, 0.5377, 0.3685</a>
Android (android.graphics.Color)	<a href="#">4292434995 (0xFFD95C33)</a>
YUV	<a href="#">124.7010, -36.3346, 80.9462</a>
Hunter-Lab	<a href="#">47.5868, 40.6574, 26.1323</a>

# Details

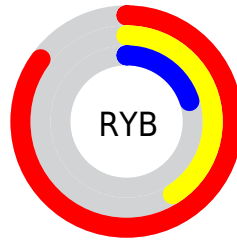
The Hex color **D95C33** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **33B0D9**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF9264**, and **9B2602** is the 20% darker color. If you saturate the color by 10%, you get **D94C1D**, and if you desaturate by 10%, it is **D96C49**.

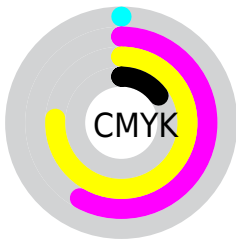
# Distribution



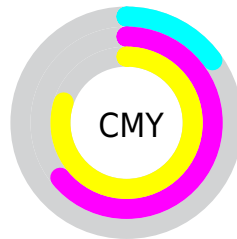
- Red (85%)
- Green (36%)
- Blue (20%)



- Red (85%)
- Yellow (41%)
- Blue (20%)



- Cyan (0%)
- Magenta (58%)
- Yellow (76%)
- Black (15%)



- Cyan (15%)
- Magenta (64%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D95C33 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 D95C33 by changing the saturation by 10% instead.



 D95C33

 D95C33

FFFFFF

 BA421B

 FF9264

 9B2602

 FFAD7E

 7D0100

 FFCA98

 5E0000

 FFE6B3

 420000

 FFFFFCF

 260001

 FFFFFEB

 000000

 D95C33

 D95C33

 D94C1D

 D96C49

 D93B08

 D97D5E

 D93600

 D98D74

 D99D8A

 D9AEA0

 D9BEB5

 D9CECB

 D9DFE1

 D9EFF6

# Harmonies

## Analogous

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



E84669



D95C33



B57600

# Triad

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



D95C33



009B63



3780F2

# Complementary

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



D95C33



33B0D9

# 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.



0092F2



D95C33



009D9F

# Square

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



D95C33



3D9529



009AD3



A966D5

# Rectangle

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



D95C33



958400



009AD3



0087F6



# Sweetspot

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



D95C33



FFD3C4



D933B2



80655C



000000



808080



# Same Dimension

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



D95C33



FF4E14



D9AD33



6E6563



AD2B00



2E0B00

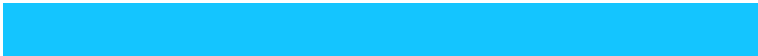


# Inverse Universe

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



33B0D9



14C5FF



335FD9



636B6E



0083AD

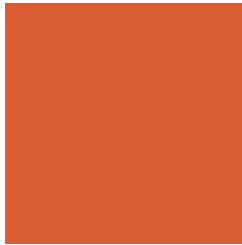


00232E



# Previews

## White Background



This preview shows how the Hex color D95C33 looks on a white background.

## Color Contrast Check

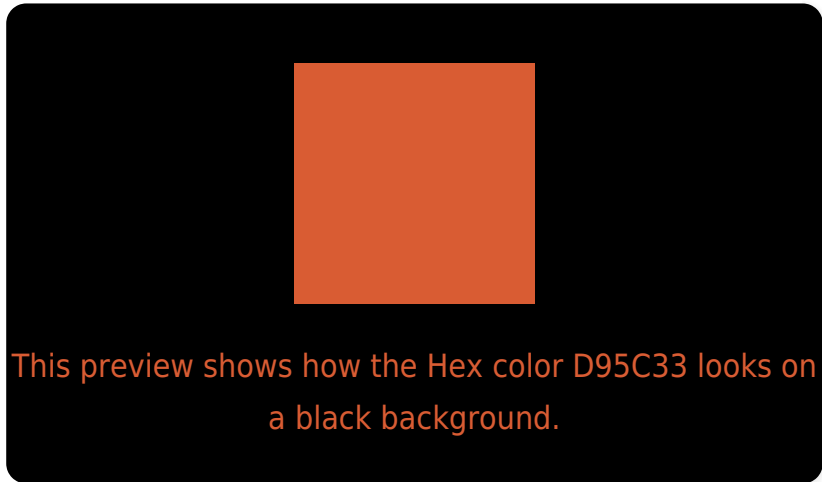
Large Text (above 18pt) WCAG AA ✓ Pass

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 D95C33 Background



This preview shows how black text looks on a background with the Hex color D95C33.



This preview shows how white text looks on a background with the Hex color D95C33.

# 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**  
D95C33

**Protanopia**  
92843F

**Deuteranopia**  
A57D2A



# Trichromacy



**Original Color**  
D95C33

**Protanomaly**  
AC753B

**Deuteranomaly**  
B8712D

**Tritanomaly**  
DA594E

# Monochromacy



**Original Color**  
D95C33

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
9E7162

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D95C33 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 #D95C33 looks like.

```
.text, #text, p{  
    color:#D95C33  
}
```

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 #D95C33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D95C33  
}
```

## Border

The CSS property to change the border of an element to Hex D95C33 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  
#D95C33 }
```

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

```
.border{ border-color:#D95C33 }
```

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

Here you see how a box with a 4 pixel #D95C33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D95C33; -webkit-box-shadow:4px 4px  
4px 4px #D95C33; box-shadow:4px 4px 4px  
4px #D95C33 }
```

# Background

The CSS property to change the background color of an element to Hex D95C33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D95C33 }
```

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

```
.background{ background-color:#D95C33 }
```

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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