

# Converting Colors

Hex(D95519)

Have a look what the booklet for  
Hex(D95519) contains.

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**Color**

**Hex(D95519)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D95519
RGB	217, 85, 25
RGB Percent	85%, 33%, 10%
CMY	0.1490, 0.6667, 0.9020
CMYK	0.00, 0.61, 0.88, 0.15
HSL	19°, 79%, 47%
HSV	19°, 88%, 85%
XYZ	32.0392, 21.3189, 3.3460
YIQ	117.6280, 97.9320, 9.3240

# Conversions

## Conversions Part 2

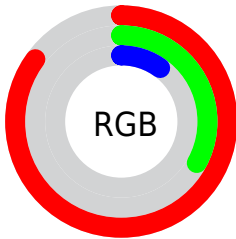
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	217, 112, 25
Decimal	14243097
CIE <sub>Lab</sub>	53.30, 49.28, 56.83
CIE <sub>LCh</sub>	53, 75.226, 49.068
Yxy	21.3189, 0.5650, 0.3760
Android (android.graphics.Color)	4292433177 (0xFFD95519)
YUV	117.6280, -45.6656, 87.1492
Hunter-Lab	46.1724, 43.0603, 28.0241

# Details

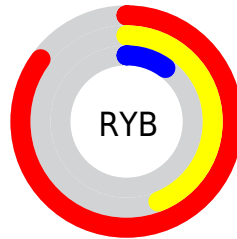
The Hex color **D95519** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **199DD9**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF8B4D**, and **9A1C00** is the 20% darker color. If you saturate the color by 10%, you get **D94603**, and if you desaturate by 10%, it is **D9642F**.

# Distribution



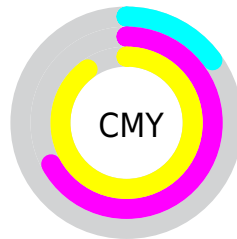
- Red (85%)
- Green (33%)
- Blue (10%)



- Red (85%)
- Yellow (44%)
- Blue (10%)



- Cyan (0%)
- Magenta (61%)
- Yellow (88%)
- Black (15%)



- Cyan (15%)
- Magenta (67%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D95519 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 D95519 by changing the saturation by 10% instead.



 D95519

 D95519

FFFFFF

 B93A00

 FF8B4D

 9A1C00

 FFA766

 7B0000

 FFC380

 5D0000

 FFDF9B

 400001

 FFFDB7

 220001

 FFFFD3

 000000

 FFFFEE

 D95519

 D95519

 D94603

 D9642F

 D94400

 D97344

 D9825A

 D99170

 D9A086

 D9AF9B

 D9BDB1

 D9CCC7

 D9DBDC

# Harmonies

## Analogous

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



EF3259



D95519



AE7400

# Triad

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



D95519



009A65



3579FB

# Complementary

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



D95519



199DD9

# 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.



008EFF



D95519



009BA8

# Square

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



D95519



00941D



0099E1



B357D5

# Rectangle

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



D95519



888300



0099E1



0081FF



# Sweetspot

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



D95519



FFD0BA



D9199F



806357



000000



808080



# Same Dimension

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



D95519



FF5000



D9B319



6E6663



AD3600



2E0E00

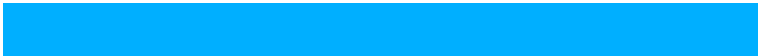


# Inverse Universe

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



199DD9



00AFFF



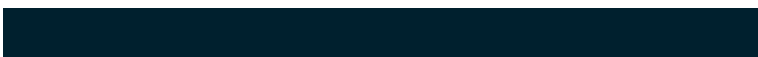
193FD9



636A6E



0077AD



00202E



# Previews

## White Background



This preview shows how the Hex color D95519 looks on a white background.

## Color Contrast Check

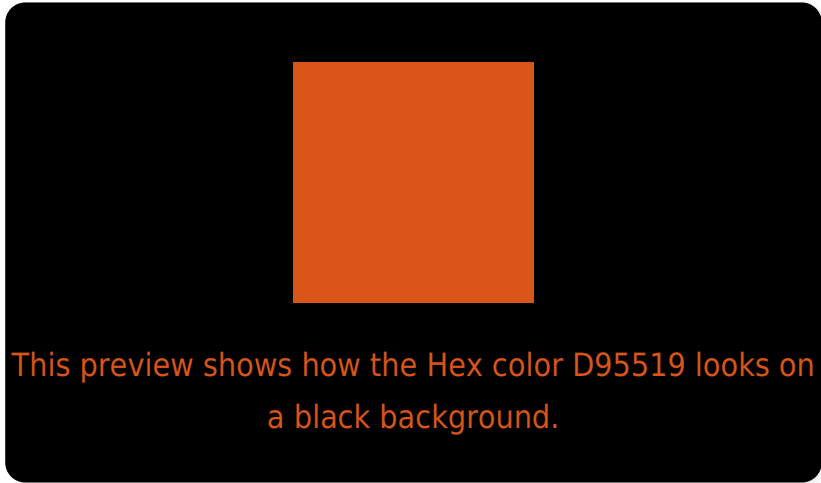
Large Text (above 18pt) WCAG AA ✓ Pass

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 D95519 Background



This preview shows how black text looks on a background with the Hex color D95519.



This preview shows how white text looks on a background with the Hex color D95519.

# 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**  
D95519

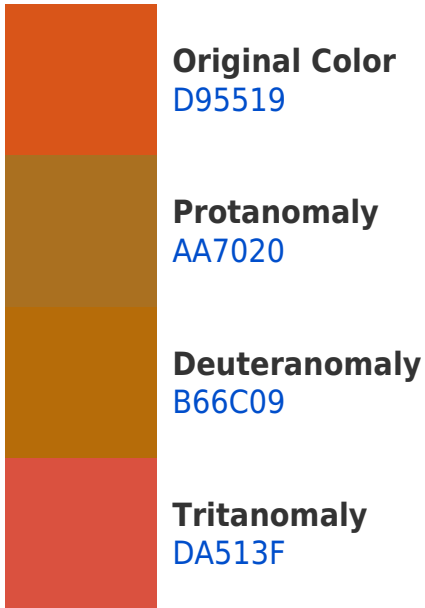
**Protanopia**  
8F8024

**Deuteranopia**  
A27900

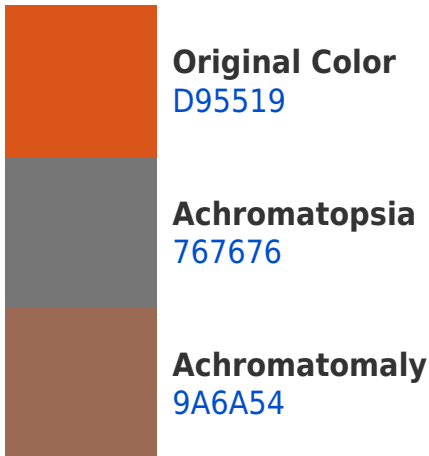


**Tritanopia**  
DB4F54

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D95519 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 #D95519 looks like.

```
.text, #text, p{  
    color:#D95519  
}
```

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 #D95519 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D95519
}
```

## Border

The CSS property to change the border of an element to Hex D95519 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
#D95519 }
```

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

```
.border{ border-color:#D95519 }
```

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

Here you see how a box with a 4 pixel #D95519 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D95519; -webkit-box-shadow:4px 4px  
4px 4px #D95519; box-shadow:4px 4px 4px  
4px #D95519 }
```

# Background

The CSS property to change the background color of an element to Hex D95519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D95519 }
```

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

```
.background{ background-color:#D95519 }
```

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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