

# Converting Colors

Hex(D4581D)

Have a look what the booklet for  
Hex(D4581D) contains.

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**Color**

**Hex(D4581D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D4581D
RGB	212, 88, 29
RGB Percent	83%, 35%, 11%
CMY	0.1686, 0.6549, 0.8863
CMYK	0.00, 0.58, 0.86, 0.17
HSL	19°, 76%, 47%
HSV	19°, 86%, 83%
XYZ	30.8629, 21.0652, 3.6017
YIQ	118.3500, 92.8430, 7.9390

# Conversions

## Conversions Part 2

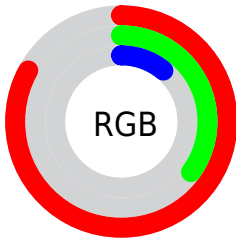
Format	Color
R <sub>Y</sub> B	212, 116, 29
Decimal	13916189
CIE Lab	53.02, 46.16, 54.80
CIE LCh	53, 71.651, 49.890
Yxy	21.0652, 0.5558, 0.3793
Android (android.graphics.Color)	4292106269 (0xFFD4581D)
YUV	118.3500, -44.0495, 82.1311
Hunter-Lab	45.8968, 39.7111, 27.4750

# Details

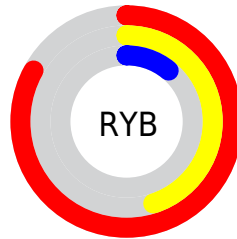
The Hex color **D4581D** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **1D99D4**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF8D50**, and **962200** is the 20% darker color. If you saturate the color by 10%, you get **D44A08**, and if you desaturate by 10%, it is **D46632**.

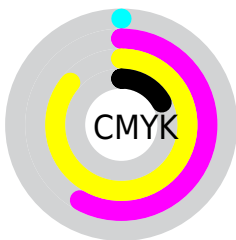
# Distribution



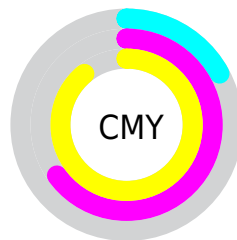
- Red (83%)
- Green (35%)
- Blue (11%)



- Red (83%)
- Yellow (45%)
- Blue (11%)



- Cyan (0%)
- Magenta (58%)
- Yellow (86%)
- Black (17%)



- Cyan (17%)
- Magenta (65%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D4581D 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 D4581D by changing the saturation by 10% instead.



 D4581D

 D4581D

FFFFFF

 B53E00

 FF8D50

 962200

 FFA969

 770000

 FFC583

 590000

 FFE29E

 3D0001

 FFFFBA

 1E0001

 FFFFD6

 000000

 FFFFF3

 D4581D

 D4581D

 D44A08

 D46632

 D44400

 D47547

 D4835D

 D49172

 D4A087

 D4AE9C

 D4BDB1

 D4CBC7

 D4D9DC

# Harmonies

## Analogous

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



E93A59



D4581D



AA7400

# Triad

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



D4581D



009867



4477F4

# Complementary

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



D4581D



1D99D4

# 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.



008CF9



D4581D



009AA7

# Square

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



D4581D



079325



0097DC



B258CF

# Rectangle

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



D4581D



868200



0097DC



0080F9



# Sweetspot

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



D4581D



FFD2BD



D41D9A



806558



000000



808080



# Same Dimension

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



D4581D



FF5200



D4B21D



6B6460



AB3700



2B0E00

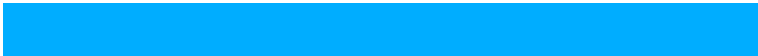


# Inverse Universe

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



1D99D4



00ADFF



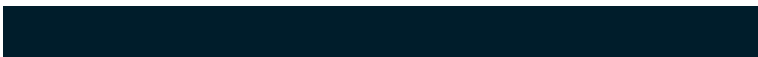
1D3FD4



60686B



0074AB



001D2B



# Previews

## White Background



This preview shows how the Hex color D4581D looks on a white background.

## Color Contrast Check

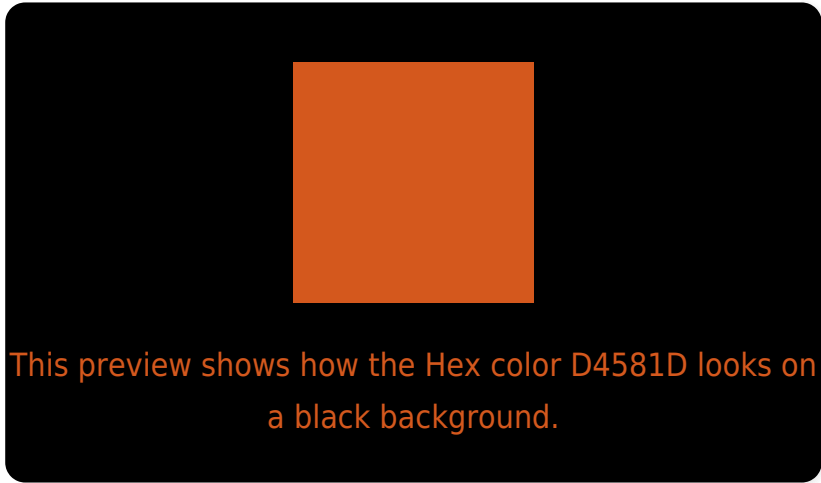
Large Text (above 18pt) WCAG AA ✓ Pass

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 D4581D Background



This preview shows how black text looks on a background with the Hex color D4581D.



This preview shows how white text looks on a background with the Hex color D4581D.

# 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**  
D4581D

**Protanopia**  
8F7F27

**Deuteranopia**  
A17900



**Tritanopia**  
D65258

# Trichromacy



**Original Color**  
D4581D

**Protanomaly**  
A87123

**Deuteranomaly**  
B46D0B

**Tritanomaly**  
D55443

# Monochromacy



**Original Color**  
D4581D

**Achromatopsia**  
767676

**Achromatomaly**  
986B56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D4581D 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 #D4581D looks like.

```
.text, #text, p{  
    color:#D4581D  
}
```

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 #D4581D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4581D }  
}
```

## Border

The CSS property to change the border of an element to Hex D4581D 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 #D4581D }  
}
```

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

```
.border{ border-color:#D4581D }
```

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

Here you see how a box with a 4 pixel #D4581D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4581D; -webkit-box-shadow:4px 4px  
4px 4px #D4581D; box-shadow:4px 4px 4px  
4px #D4581D }
```

# Background

The CSS property to change the background color of an element to Hex D4581D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4581D }
```

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

```
.background{ background-color:#D4581D }
```

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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