

# Converting Colors

Hex(D7552A)

Have a look what the booklet for  
Hex(D7552A) contains.

<b>Hex(D7552A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(D7552A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D7552A
RGB	215, 85, 42
RGB Percent	84%, 33%, 16%
CMY	0.1569, 0.6667, 0.8353
CMYK	0.00, 0.60, 0.80, 0.16
HSL	15°, 68%, 50%
HSV	15°, 80%, 84%
XYZ	31.6907, 21.1112, 4.5951
YIQ	118.9680, 91.2830, 14.1870

# Conversions

## Conversions Part 2

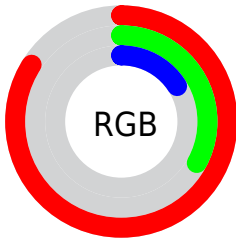
Format	Color
R <sub>Y</sub> B	215, 99, 42
Decimal	14112042
CIE Lab	53.07, 48.99, 49.46
CIE LCh	53, 69.614, 45.270
Yxy	21.1112, 0.5521, 0.3678
Android (android.graphics.Color)	4292302122 (0xFFD7552A)
YUV	118.9680, -37.9452, 84.2201
Hunter-Lab	45.9470, 42.7086, 26.2334

# Details

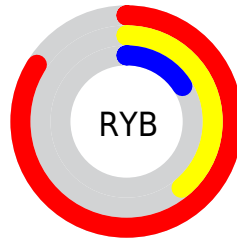
The Hex color **D7552A** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **2AACD7**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF8B5B**, and **991D00** is the 20% darker color. If you saturate the color by 10%, you get **D74514**, and if you desaturate by 10%, it is **D7653F**.

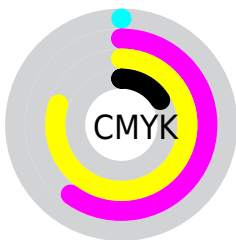
# Distribution



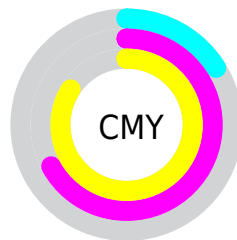
- Red (84%)
- Green (33%)
- Blue (16%)



- Red (84%)
- Yellow (39%)
- Blue (16%)



- Cyan (0%)
- Magenta (60%)
- Yellow (80%)
- Black (16%)



- Cyan (16%)
- Magenta (67%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7552A 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 D7552A by changing the saturation by 10% instead.



 D7552A

 D7552A

FFFFFF

 B83A11

 FF8B5B

 991D00

 FFA774

 7A0000

 FFC38F

 5C0000


 FFDF A9

 3F0001

 FFFDC5

 210001

 FFFFE1

 000000

FFFFFFE

 D7552A

 D7552A

 D74514

 D7653F

 D73500

 D77555

 D7856A

 D79680

 D7A695

 D7B6AB

 D7C6C1

 D7D6D6

 D7E6EC

# Harmonies

## Analogous

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



E83B63



D7552A



B17100

# Triad

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



D7552A



00985E



217CF3

# Complementary

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



D7552A



2AACD7

# 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.



008EF3



D7552A



00999D

# Square

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



D7552A



30911E



0097D3



A75FD4

# Rectangle

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



D7552A



8F8000



0097D3



0083F7



# Sweetspot

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



D7552A



FFD1C2



D72AAF



80645B



000000



808080



# Same Dimension

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



D7552A



FF4508



D7A92A



6B6360



AB2A00



2B0B00

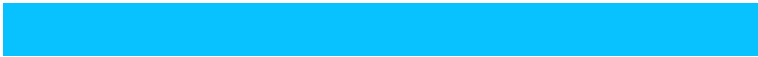


# Inverse Universe

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



2AACD7



08C2FF



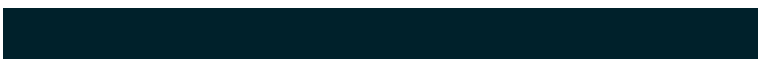
2A58D7



60686B



0080AB



00212B



# Previews

## White Background



This preview shows how the Hex color D7552A looks on a white background.

## Color Contrast Check

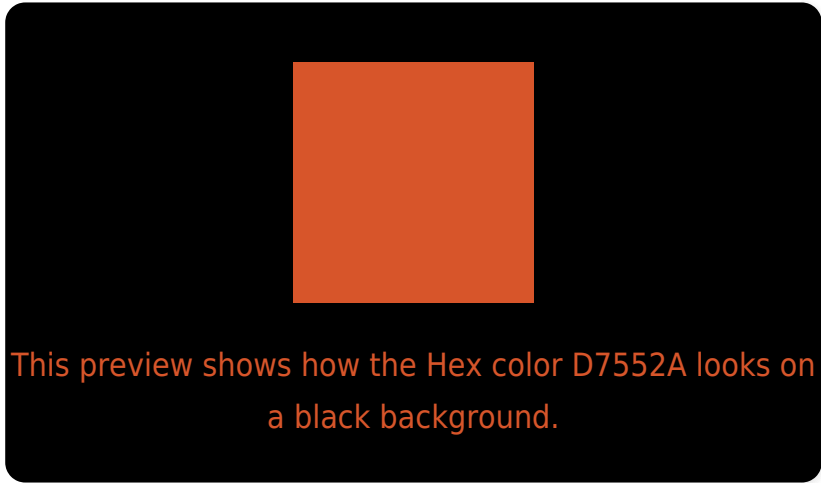
Large Text (above 18pt) WCAG AA ✓ Pass

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 D7552A Background



This preview shows how black text looks on a background with the Hex color D7552A.



This preview shows how white text looks on a background with the Hex color D7552A.

# 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**  
D7552A

**Protanopia**  
8E7F36

**Deuteranopia**  
A0791E



**Tritanopia**  
D95055

# Trichromacy



**Original Color**  
D7552A

**Protanomaly**  
A97032

**Deuteranomaly**  
B46C22

**Tritanomaly**  
D85245

# Monochromacy



**Original Color**  
D7552A

**Achromatopsia**  
777777

**Achromatomaly**  
9A6B5B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7552A 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 #D7552A looks like.

```
.text, #text, p{  
    color:#D7552A  
}
```

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 #D7552A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7552A
}
```

## Border

The CSS property to change the border of an element to Hex D7552A 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
#D7552A }
```

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

```
.border{ border-color:#D7552A }
```

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

Here you see how a box with a 4 pixel #D7552A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7552A; -webkit-box-shadow:4px 4px  
4px 4px #D7552A; box-shadow:4px 4px 4px  
4px #D7552A }
```

# Background

The CSS property to change the background color of an element to Hex D7552A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7552A }
```

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

```
.background{ background-color:#D7552A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor