

# Converting Colors

Hex(D0763A)

Have a look what the booklet for  
Hex(D0763A) contains.

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# Color

**Hex(D0763A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D0763A
RGB	208, 118, 58
RGB Percent	82%, 46%, 23%
CMY	0.1843, 0.5373, 0.7725
CMYK	0.00, 0.43, 0.72, 0.18
HSL	24°, 61%, 52%
HSV	24°, 72%, 82%
XYZ	33.2546, 26.6723, 7.3985
YIQ	138.0700, 72.9000, 0.4200

# Conversions

## Conversions Part 2

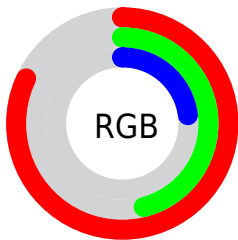
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 158, 58
Decimal	13661754
CIE <sub>Lab</sub>	58.67, 30.47, 47.13
CIE <sub>LCh</sub>	59, 56.121, 57.115
Yxy	26.6723, 0.4939, 0.3962
Android (android.graphics.Color)	4291851834 (0xFFD0763A)
YUV	138.0700, -39.4745, 61.3286
Hunter-Lab	51.6452, 24.5579, 27.6579

# Details

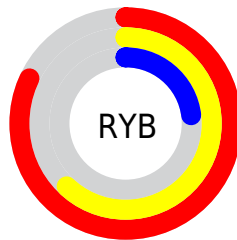
The Hex color **D0763A** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3A94D0**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFAB6C**, and **944406** is the 20% darker color. If you saturate the color by 10%, you get **D06A25**, and if you desaturate by 10%, it is **D0824F**.

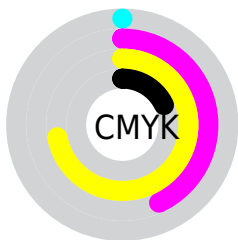
# Distribution



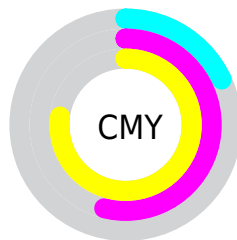
- Red (82%)
- Green (46%)
- Blue (23%)



- Red (82%)
- Yellow (62%)
- Blue (23%)



- Cyan (0%)
- Magenta (43%)
- Yellow (72%)
- Black (18%)



- Cyan (18%)
- Magenta (54%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0763A 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 D0763A by changing the saturation by 10% instead.



 D0763A

 D0763A

FFFFFF

 B25D21

 FFAB6C

 944406

 FFC786

 772C00

 FFE3A1

 5A1400

 FFFFBC

 3E0000

 FFFFD8

 260001

 FFFFF5

 000000

 D0763A

 D0763A

 D06A25

 D0824F

 D05D10

 D08F64

 D05300

 D09B78

 D0A88D

 D0B4A2

 D0C1B7

 D0CDCC

 D0DAE0

 D0E6F5

# Harmonies

## Analogous

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



E56463



D0763A



AB8921

# Triad

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



D0763A



00A487



8582E5

# Complementary

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



D0763A



3A94D0

# 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.



0094EF



D0763A



00A4B9

# Square

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



D0763A



36A055



009FDF



C46DC3

# Rectangle

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



D0763A



8C9325



009FDF



6689EB



# Sweetspot

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



D0763A



FFDDC7



D03A94



806C5E



000000



808080



# Same Dimension

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



D0763A



FF7A21



D0C13A



69625E



A84300



291000



# Inverse Universe

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



3A94D0



21A6FF



3A49D0



5E6469



0065A8

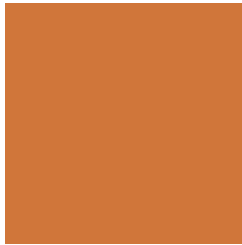


001829



# Previews

## White Background



This preview shows how the Hex color D0763A looks on a white background.

## Color Contrast Check

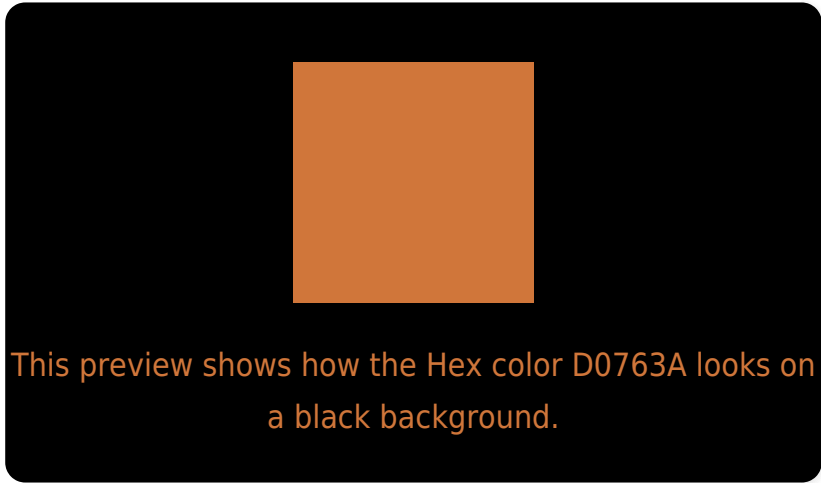
Large Text (above 18pt) WCAG AA ✓ Pass

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 D0763A Background



This preview shows how black text looks on a background with the Hex color D0763A.



This preview shows how white text looks on a background with the Hex color D0763A.

# 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**  
D0763A

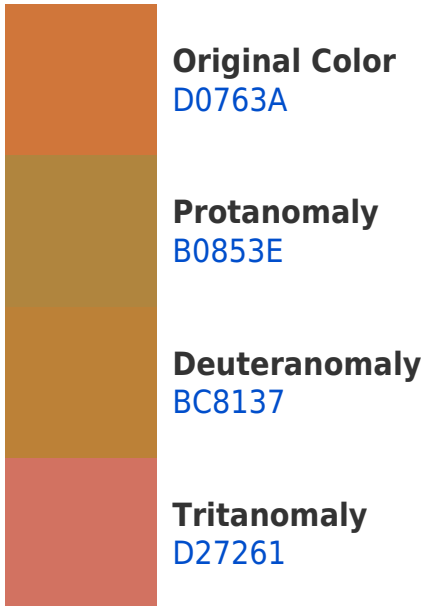
**Protanopia**  
9D8E41

**Deuteranopia**  
B08736

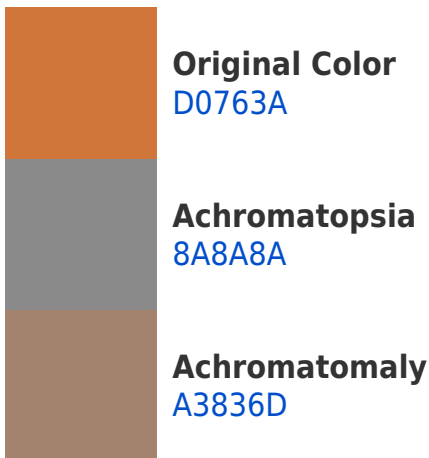


**Tritanopia**  
D36F77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0763A 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 #D0763A looks like.

```
.text, #text, p{  
    color:#D0763A  
}
```

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 #D0763A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0763A
}
```

## Border

The CSS property to change the border of an element to Hex D0763A 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
#D0763A }
```

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

```
.border{ border-color:#D0763A }
```

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

Here you see how a box with a 4 pixel #D0763A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0763A; -webkit-box-shadow:4px 4px  
4px 4px #D0763A; box-shadow:4px 4px 4px  
4px #D0763A }
```

# Background

The CSS property to change the background color of an element to Hex D0763A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0763A }
```

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

```
.background{ background-color:#D0763A }
```

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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