

# Converting Colors

Hex(D56441)

Have a look what the booklet for  
Hex(D56441) contains.

<b>Hex(D56441)</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(D56441)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D56441
RGB	213, 100, 65
RGB Percent	84%, 39%, 25%
CMY	0.1647, 0.6078, 0.7451
CMYK	0.00, 0.53, 0.69, 0.16
HSL	14°, 64%, 55%
HSV	14°, 69%, 84%
XYZ	32.9519, 23.6421, 7.8277
YIQ	129.7970, 78.5830, 13.0710

# Conversions

## Conversions Part 2

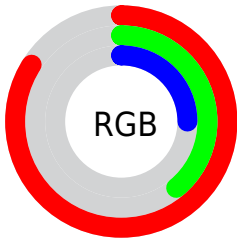
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 111, 65
Decimal	13984833
CIE <sub>Lab</sub>	55.73, 42.08, 40.51
CIE <sub>LCh</sub>	56, 58.408, 43.909
Yxy	23.6421, 0.5115, 0.3670
Android (android.graphics.Color)	4292174913 (0xFFD56441)
YUV	129.7970, -31.9449, 72.9690
Hunter-Lab	48.6232, 35.8787, 24.4914

# Details

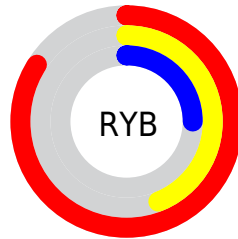
The Hex color **D56441** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **41B2D5**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF9972**, and **983013** is the 20% darker color. If you saturate the color by 10%, you get **D5542C**, and if you desaturate by 10%, it is **D57456**.

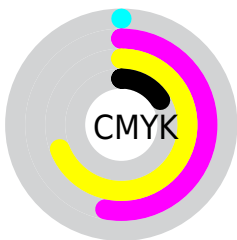
# Distribution



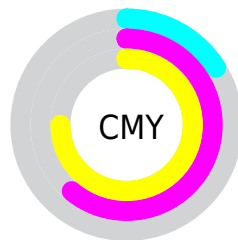
- Red (84%)
- Green (39%)
- Blue (25%)



- Red (84%)
- Yellow (44%)
- Blue (25%)



- Cyan (0%)
- Magenta (53%)
- Yellow (69%)
- Black (16%)



- Cyan (16%)
- Magenta (61%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D56441 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 D56441 by changing the saturation by 10% instead.



 D56441

 D56441

FFFFFF

 B64A2A

 FF9972

 983013

 FFB58C

 7B1400

 FFD1A7

 5D0000

 FFEEC2

 400000

 FFFFDE

 250001

 FFFFFB

 000000

 D56441

 D56441

 D5542C

 D57456

 D54316

 D5856C

 D53301

 D59581

 D53200

 D5A596

 D5B5AB

 D5C6C1

 D5D6D6

 D5E6EB

 D5F6FF

# Harmonies

## Analogous

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



E15570



D56441



B5791B

# Triad

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



D56441



009C68



4B83E8

# Complementary

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



D56441



41B2D5

# 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.



0093E7



D56441



009E9C

# Square

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



D56441



4F9637



009BCB



A66DCF

# Rectangle

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



D56441



99850D



009BCB



0089EB



# Sweetspot

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



D56441



FFD6C9



D541B2



806760



000000



808080



# Same Dimension

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



D56441



FF5D2B



D5AE41



6B6360



AB2800



2B0A00



# Inverse Universe

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



41B2D5



2BCDFF



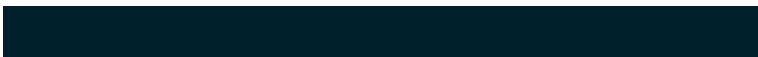
4168D5



60696B



0082AB

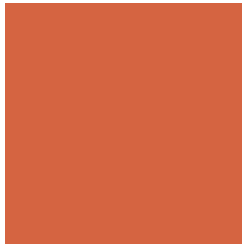


00212B



# Previews

## White Background



This preview shows how the Hex color D56441 looks on a white background.

## Color Contrast Check

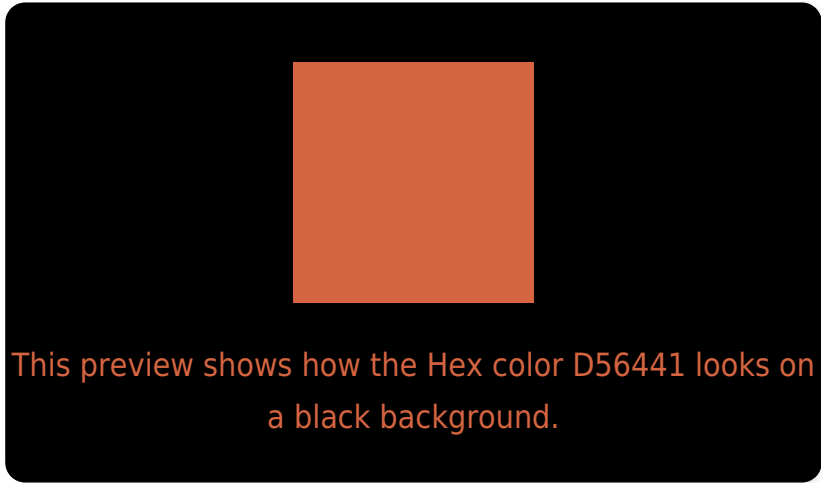
Large Text (above 18pt) WCAG AA ✓ Pass

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

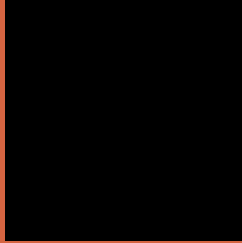
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D56441 Background



This preview shows how black text looks on a background with the Hex color D56441.



This preview shows how white text looks on a background with the Hex color D56441.

# 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**  
D56441

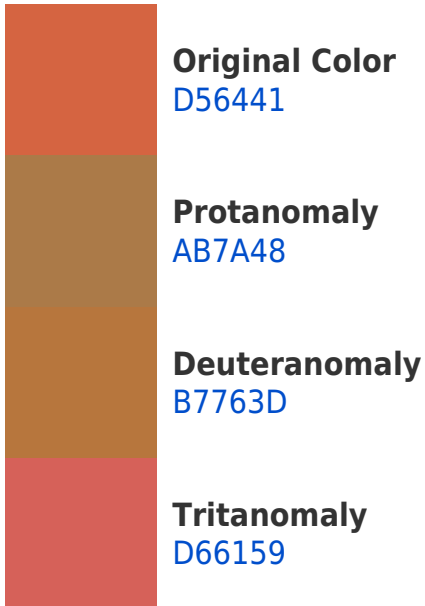
**Protanopia**  
93864C

**Deuteranopia**  
A6803B

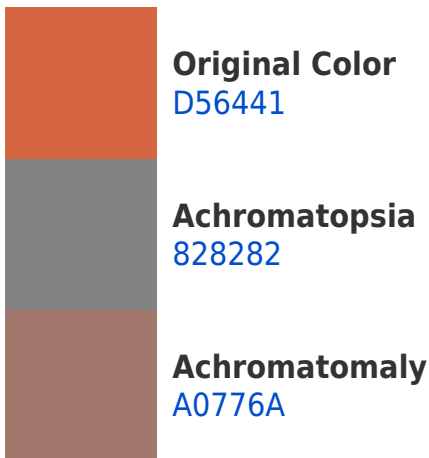


**Tritanopia**  
D75F66

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D56441 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 #D56441 looks like.

```
.text, #text, p{  
    color:#D56441  
}
```

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 #D56441 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D56441
}
```

## Border

The CSS property to change the border of an element to Hex D56441 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
#D56441 }
```

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

```
.border{ border-color:#D56441 }
```

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

Here you see how a box with a 4 pixel #D56441 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D56441; -webkit-box-shadow:4px 4px  
4px 4px #D56441; box-shadow:4px 4px 4px  
4px #D56441 }
```

# Background

The CSS property to change the background color of an element to Hex D56441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D56441 }
```

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

```
.background{ background-color:#D56441 }
```

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