

# Converting Colors

Hex(DA6434)

Have a look what the booklet for  
Hex(DA6434) contains.

<b>Hex(DA6434)</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(DA6434)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA6434
RGB	218, 100, 52
RGB Percent	85%, 39%, 20%
CMY	0.1451, 0.6078, 0.7961
CMYK	0.00, 0.54, 0.76, 0.15
HSL	17°, 69%, 53%
HSV	17°, 76%, 85%
XYZ	34.0904, 24.2677, 6.1362
YIQ	129.8100, 85.7360, 10.0880

# Conversions

## Conversions Part 2

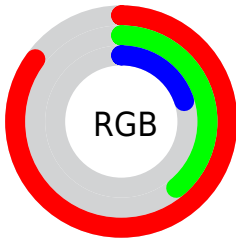
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	218, 120, 52
Decimal	14312500
CIE Lab	56.35, 43.38, 48.07
CIE LCh	56, 64.748, 47.939
Yxy	24.2677, 0.5286, 0.3763
Android (android.graphics.Color)	4292502580 (0xFFDA6434)
YUV	129.8100, -38.3603, 77.3426
Hunter-Lab	49.2623, 37.3165, 27.0983

# Details

The Hex color **DA6434** 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 **34AADA**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF9965**, and **9C3001** is the 20% darker color. If you saturate the color by 10%, you get **DA551E**, and if you desaturate by 10%, it is **DA734A**.

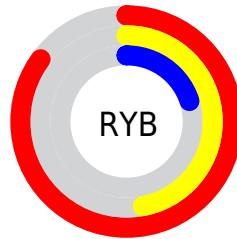
# Distribution



Red (85%)

Green (39%)

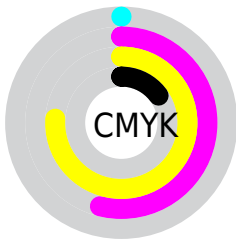
Blue (20%)



Red (85%)

Yellow (47%)

Blue (20%)

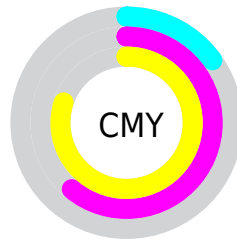


Cyan (0%)

Magenta (54%)

Yellow (76%)

Black (15%)



Cyan (15%)

Magenta (61%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA6434 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 DA6434 by changing the saturation by 10% instead.



 DA6434

 DA6434

FFFFFF

 BB4A1C

 FF9965

 9C3001

 FFB57F

 7E1300

 FFD19A

 600000

 FFEEB5

 430000

 FFFFD1

 290001

 FFFFED

 000000

 DA6434

 DA6434

 DA551E

 DA734A

■ DA4508

■ DA8360

■ DA3F00

■ DA9275

■ DAA28B

■ DAB1A1

■ DAC1B7

■ DAD0CD

■ DAE0E2

■ DAEFF8

# Harmonies

## Analogous

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



EB4F68



DA6434



B57C00

# Triad

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



DA6434



00A06E



5482F3

# Complementary

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



DA6434



34AADA

# 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.



0094F6



DA6434



00A1A8

# Square

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



DA6434



3A9A35



009EDA



B368D3

# Rectangle

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



DA6434



948900



009EDA



0089F7



# Sweetspot

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



DA6434



FFD5C4



DA34AB



80665C



000000



808080



# Same Dimension

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



DA6434



FF5A17



DAB634



6E6663



AD3200



2E0D00



# Inverse Universe

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



34AADA



17BCFF



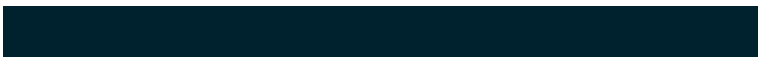
3458DA



636A6E



007BAD

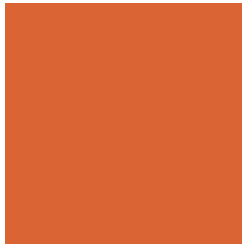


00212E



# Previews

## White Background



This preview shows how the Hex color DA6434 looks on a white background.

## Color Contrast Check

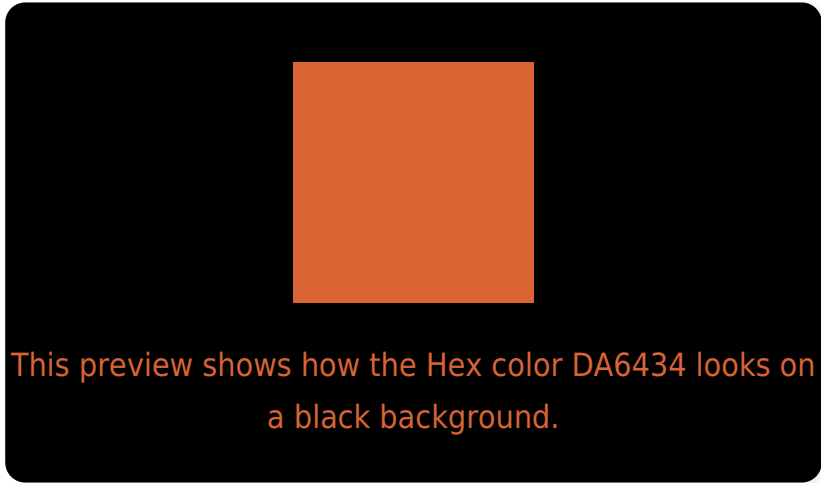
Large Text (above 18pt) WCAG AA ✓ Pass

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 DA6434 Background



This preview shows how black text looks on a background with the Hex color DA6434.



This preview shows how white text looks on a background with the Hex color DA6434.

# 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**  
DA6434

**Protanopia**  
96883E

**Deuteranopia**  
AA812C



# Trichromacy



**Original Color**  
DA6434

**Protanomaly**  
AF7B3A

**Deuteranomaly**  
BB762F

**Tritanomaly**  
DB6153

# Monochromacy



**Original Color**  
DA6434

**Achromatopsia**  
828282

**Achromatomaly**  
A27766

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA6434 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 #DA6434 looks like.

```
.text, #text, p{  
    color:#DA6434  
}
```

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 #DA6434 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA6434
}
```

## Border

The CSS property to change the border of an element to Hex DA6434 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
#DA6434 }
```

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

```
.border{ border-color:#DA6434 }
```

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

Here you see how a box with a 4 pixel #DA6434 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA6434; -webkit-box-shadow:4px 4px  
4px 4px #DA6434; box-shadow:4px 4px 4px  
4px #DA6434 }
```

# Background

The CSS property to change the background color of an element to Hex DA6434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA6434 }
```

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

```
.background{ background-color:#DA6434 }
```

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