

Converting Colors

Hex(DA6A57)

Have a look what the booklet for
Hex(DA6A57) contains.

Hex(DA6A57)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DA6A57)

Conversions

Conversions Part 1

Format	Color
Hex	DA6A57
RGB	218, 106, 87
RGB Percent	85%, 42%, 34%
CMY	0.1451, 0.5843, 0.6588
CMYK	0.00, 0.51, 0.60, 0.15
HSL	9°, 64%, 60%
HSV	9°, 60%, 85%
XYZ	35.7878, 25.9016, 12.1301
YIQ	137.3220, 72.8510, 17.8350

Conversions

Conversions Part 2

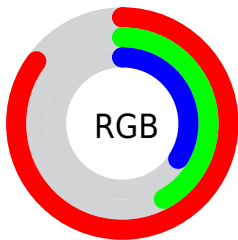
Format	Color
R_{YB}	218, 109, 87
Decimal	14314071
CIE Lab	57.94, 42.33, 31.25
CIE LCh	58, 52.617, 36.441
Yxy	25.9016, 0.4848, 0.3509
Android (android.graphics.Color)	4292504151 (0xFFDA6A57)
YUV	137.3220, -24.8087, 70.7546
Hunter-Lab	50.8936, 36.4552, 21.4942

Details

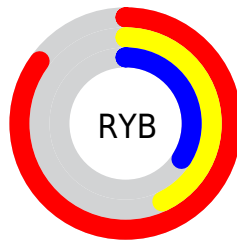
The Hex color **DA6A57** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **57C7DA**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFA089**, and **9E3629** is the 20% darker color. If you saturate the color by 10%, you get **DA5741**, and if you desaturate by 10%, it is **DA7D6D**.

Distribution



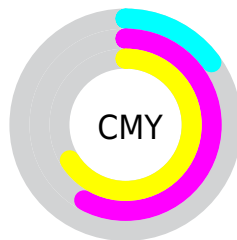
- Red (85%)
- Green (42%)
- Blue (34%)



- Red (85%)
- Yellow (43%)
- Blue (34%)



- Cyan (0%)
- Magenta (51%)
- Yellow (60%)
- Black (15%)



- Cyan (15%)
- Magenta (58%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color DA6A57 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 DA6A57 by changing the saturation by 10% instead.

 DA6A57

 DA6A57

FFFFFF

 BC503F

 FFA089

 9E3629

 FFBB44

 801B14

 FFD8BF

 640000

 FFF5DB

 470000

 FFFFF7

 2D0001

 000000

 DA6A57

 DA6A57

 DA5741

 DA7D6D

 DA452B

 DA8F83

 DA3216

 DAA298

 DA2000

 DAB5AE

 DAC7C4

 DADADA

 DAECF0

 DAFFFF

Harmonies

Analogous

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



DF6183



DA6A57



C17B35

Triad

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



DA6A57



159F65



408DE7

Complementary

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



DA6A57



57C7DA

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.



009ADF



DA6A57



00A294

Square

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



DA6A57



6A983D



00A0C1



9B7BD6

Rectangle

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



DA6A57



A98729



00A0C1



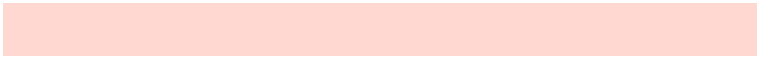
0092E7

Sweetspot

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



DA6A57



FFD8D1



DA57C9



806863



000000



808080

Same Dimension

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



DA6A57



FF6247



DAAA57



6E6463



AD1900



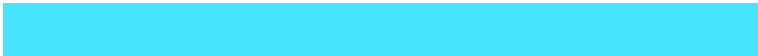
2E0700

Inverse Universe

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



57C7DA



47E4FF



5787DA



636C6E



0094AD



00272E

Previews

White Background



This preview shows how the Hex color DA6A57 looks on a white background.

Color Contrast Check

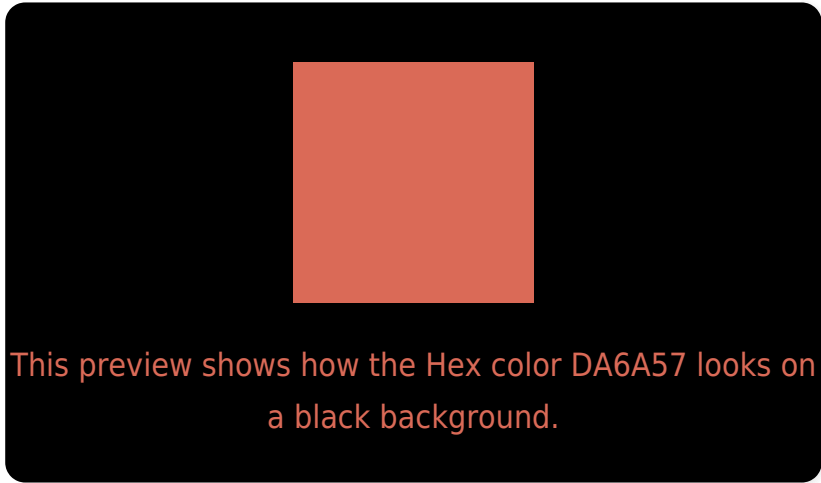
Large Text (above 18pt) WCAG AA ✓ Pass

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 DA6A57 Background



This preview shows how black text looks on a background with the Hex color DA6A57.



This preview shows how white text looks on a background with the Hex color DA6A57.

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
DA6A57

Protanopia
968C64

Deuteranopia
AA8552



Tritanopia
DB676E

Trichromacy



Original Color
DA6A57



Protanomaly
AF805F



Deuteranomaly
BB7B54



Tritanomaly
DB6866

Monochromacy



Original Color
DA6A57



Achromatopsia
898989



Achromatomaly
A67E77

CSS Examples

Text

The CSS property to change the color of the text to Hex DA6A57 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 #DA6A57 looks like.

```
.text, #text, p{  
    color:#DA6A57  
}
```

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 #DA6A57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA6A57  
}
```

Border

The CSS property to change the border of an element to Hex DA6A57 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  
#DA6A57 }
```

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

```
.border{ border-color:#DA6A57 }
```

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

Here you see how a box with a 4 pixel #DA6A57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA6A57; -webkit-box-shadow:4px 4px  
4px 4px #DA6A57; box-shadow:4px 4px 4px  
4px #DA6A57 }
```

Background

The CSS property to change the background color of an element to Hex DA6A57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA6A57 }
```

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

```
.background{ background-color:#DA6A57 }
```

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