

Converting Colors

Hex(DC6247)

Have a look what the booklet for
Hex(DC6247) contains.

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Color

Hex(DC6247)

Conversions

Conversions Part 1

Format	Color
Hex	DC6247
RGB	220, 98, 71
RGB Percent	86%, 38%, 28%
CMY	0.1373, 0.6157, 0.7216
CMYK	0.00, 0.55, 0.68, 0.14
HSL	11°, 68%, 57%
HSV	11°, 68%, 86%
XYZ	35.0202, 24.4059, 8.8263
YIQ	131.4000, 81.3790, 17.4670

Conversions

Conversions Part 2

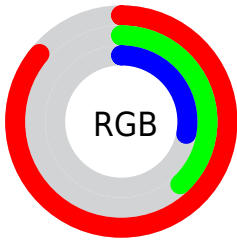
Format	Color
R_{YB}	220, 104, 71
Decimal	14443079
CIE _{Lab}	56.49, 45.99, 38.43
CIE _{LCh}	56, 59.929, 39.884
Yxy	24.4059, 0.5131, 0.3576
Android (android.graphics.Color)	4292633159 (0xFFDC6247)
YUV	131.4000, -29.7772, 77.7022
Hunter-Lab	49.4024, 40.0804, 23.9888

Details

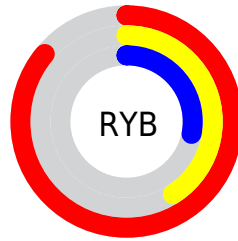
The Hex color **DC6247** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **47C1DC**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF9878**, and **9F2D19** is the 20% darker color. If you saturate the color by 10%, you get **DC5031**, and if you desaturate by 10%, it is **DC745D**.

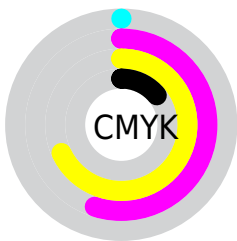
Distribution



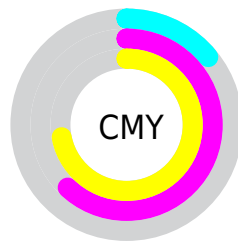
- Red (86%)
- Green (38%)
- Blue (28%)



- Red (86%)
- Yellow (41%)
- Blue (28%)



- Cyan (0%)
- Magenta (55%)
- Yellow (68%)
- Black (14%)



- Cyan (14%)
- Magenta (62%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC6247 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 DC6247 by changing the saturation by 10% instead.

 DC6247

 DC6247

FFFFFF

 BD4830

 FF9878

 9F2D19

 FFB492

 810C01

 FFD0AD

 630000

 FFEDC9

 460000

 FFFFE5

 2B0001

 000000

 DC6247

 DC6247

 DC5031

 DC745D

 DC3E1B

 DC8673

 DC2C05

 DC9889

 DC2800

 DCAA9F

 DCBCB5

 DCCECB

 DCE0E1

 DCF2F7

 DCFFFF

Harmonies

Analogous

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



E55478



DC6247



BE781D

Triad

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



DC6247



009E62



3188EF

Complementary

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



DC6247



47C1DC

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.



0097E9



DC6247



00A098

Square

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



DC6247



589730



009EC9



A072D8

Rectangle

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



DC6247



A18509



009EC9



008EF0

Sweetspot

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



DC6247



FFD5CC



DC47C3



806661



000000



808080

Same Dimension

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



DC6247



FF5630



DCAA47



6E6563



AD1F00



2E0800

Inverse Universe

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



47C1DC



30DAFF



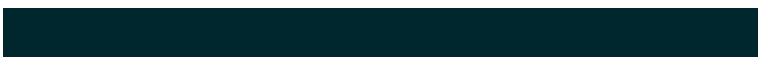
4779DC



636C6E



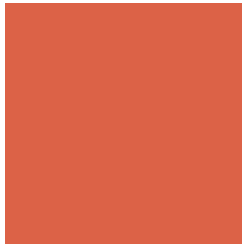
008EAD



00262E

Previews

White Background



This preview shows how the Hex color DC6247 looks on a white background.

Color Contrast Check

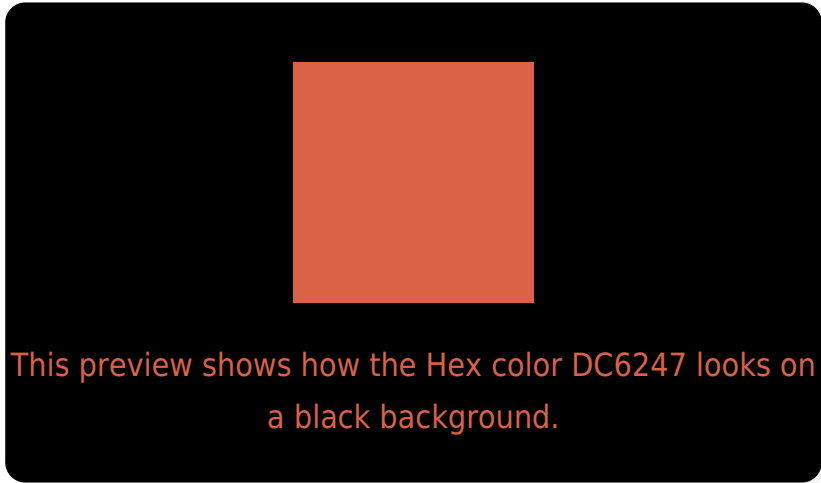
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC6247 Background



This preview shows how black text looks on a background with the Hex color DC6247.




This preview shows how white text looks on a background with the Hex color DC6247.

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





Tritanopia
DD5E64

Trichromacy



Original Color
DC6247

Protanomaly
AE7A4F

Deuteranomaly
BB7643

Tritanomaly
DD5F59

Monochromacy



Original Color
DC6247

Achromatopsia
838383

Achromatomaly
A3776D

CSS Examples

Text

The CSS property to change the color of the text to Hex DC6247 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 #DC6247 looks like.

```
.text, #text, p{  
    color:#DC6247  
}
```

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 #DC6247 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC6247  
}
```

Border

The CSS property to change the border of an element to Hex DC6247 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  
#DC6247 }
```

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

```
.border{ border-color:#DC6247 }
```

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

Here you see how a box with a 4 pixel #DC6247 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC6247; -webkit-box-shadow:4px 4px  
4px 4px #DC6247; box-shadow:4px 4px 4px  
4px #DC6247 }
```

Background

The CSS property to change the background color of an element to Hex DC6247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC6247 }
```

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

```
.background{ background-color:#DC6247 }
```

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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