

Converting Colors

Hex(D96234)

Have a look what the booklet for
Hex(D96234) contains.

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Color

Hex(D96234)

Conversions

Conversions Part 1

Format	Color
Hex	D96234
RGB	217, 98, 52
RGB Percent	85%, 38%, 20%
CMY	0.1490, 0.6157, 0.7961
CMYK	0.00, 0.55, 0.76, 0.15
HSL	17°, 68%, 53%
HSV	17°, 76%, 85%
XYZ	33.6028, 23.7350, 6.0591
YIQ	128.3370, 85.6900, 10.9220

Conversions

Conversions Part 2

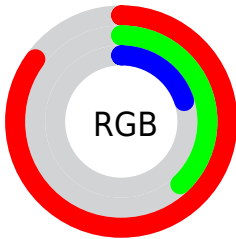
Format	Color
RYB	217, 116, 52
Decimal	14246452
CIELab	55.82, 43.97, 47.47
CIELCh	56, 64.710, 47.192
Yxy	23.7350, 0.5300, 0.3744
Android (android.graphics.Color)	4292436532 (0xFFD96234)
YUV	128.3370, -37.6341, 77.7575
Hunter-Lab	48.7186, 37.8597, 26.7292

Details

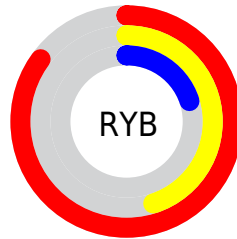
The Hex color **D96234** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **34ABD9**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF9765**, and **9B2E02** is the 20% darker color. If you saturate the color by 10%, you get **D9521E**, and if you desaturate by 10%, it is **D9724A**.

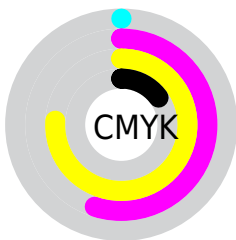
Distribution



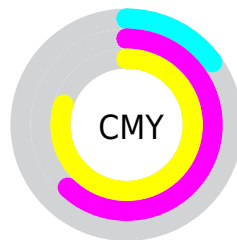
- Red (85%)
- Green (38%)
- Blue (20%)



- Red (85%)
- Yellow (45%)
- Blue (20%)



- Cyan (0%)
- Magenta (55%)
- Yellow (76%)
- Black (15%)



- Cyan (15%)
- Magenta (62%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color D96234 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 D96234 by changing the saturation by 10% instead.

 D96234

 D96234

FFFFFF

 BA481C

 FF9765

 9B2E02

 FFB37F

 7D0F00

 FFCF99

 5F0000

 FFECB5

 420000

 FFFF00

 270001

 FFFFED

 000000

 D96234

 D96234

 D9521E

 D9724A

 D94309

 D9815F

 D93C00

 D99175

 D9A18B

 D9B0A1

 D9C0B6

 D9D0CC

 D9DFE2

 D9EFF7

Harmonies

Analogous

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



EA4D68



D96234



B47A00

Triad

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



D96234



009E6B



4E81F2

Complementary

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



D96234



34ABD9

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.



0093F4



D96234



00A0A5

Square

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



D96234



3B9832



009DD7



B067D3

Rectangle

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



D96234



948800



009DD7



0088F6

Sweetspot

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



D96234



FFD5C4



D934AD



80665C



000000



808080

Same Dimension

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



D96234



FF5817



D9B334



6E6663



AD3000



2E0D00

Inverse Universe

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



34ABD9



17BEFF



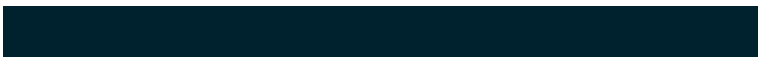
345BD9



636B6E



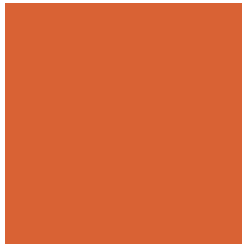
007DAD



00212E

Previews

White Background



This preview shows how the Hex color D96234 looks on a white background.

Color Contrast Check

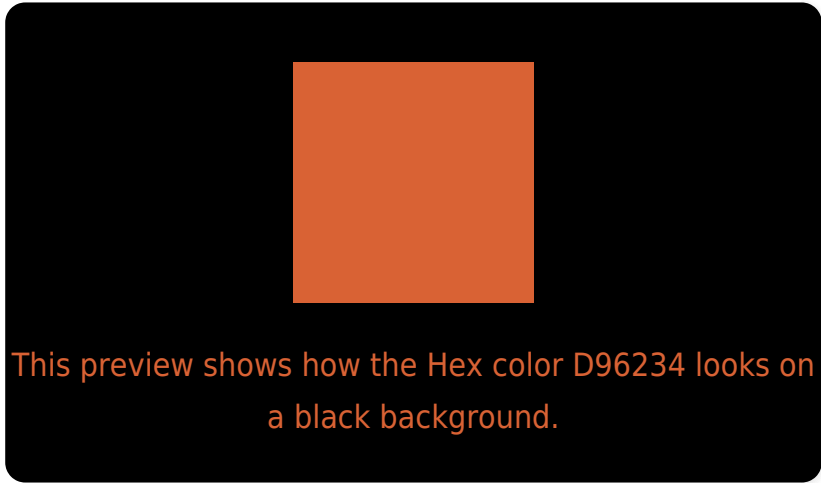
Large Text (above 18pt) WCAG AA ✓ Pass

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 D96234 Background



This preview shows how black text looks on a background with the Hex color D96234.



This preview shows how white text looks on a background with the Hex color D96234.

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
D96234

Protanopia
95863F

Deuteranopia
A8802C



Tritanopia
DB5D63

Trichromacy



Original Color
D96234

Protanomaly
AE793B

Deuteranomaly
BA752F

Tritanomaly
DA5F52

Monochromacy



Original Color
D96234

Achromatopsia
808080

Achromatomaly
A07564

CSS Examples

Text

The CSS property to change the color of the text to Hex D96234 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 #D96234 looks like.

```
.text, #text, p{  
    color:#D96234  
}
```

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 #D96234 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D96234
}
```

Border

The CSS property to change the border of an element to Hex D96234 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
#D96234 }
```

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

```
.border{ border-color:#D96234 }
```

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

Here you see how a box with a 4 pixel #D96234 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D96234; -webkit-box-shadow:4px 4px  
4px 4px #D96234; box-shadow:4px 4px 4px  
4px #D96234 }
```

Background

The CSS property to change the background color of an element to Hex D96234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D96234 }
```

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

```
.background{ background-color:#D96234 }
```

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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