

Converting Colors

Hex(D64D2A)

Have a look what the booklet for
Hex(D64D2A) contains.

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Color

Hex(D64D2A)

Conversions

Conversions Part 1

Format	Color
Hex	D64D2A
RGB	214, 77, 42
RGB Percent	84%, 30%, 16%
CMY	0.1608, 0.6980, 0.8353
CMYK	0.00, 0.64, 0.80, 0.16
HSL	12°, 68%, 50%
HSV	12°, 80%, 84%
XYZ	30.8034, 19.7711, 4.3832
YIQ	113.9730, 92.8870, 18.1590

Conversions

Conversions Part 2

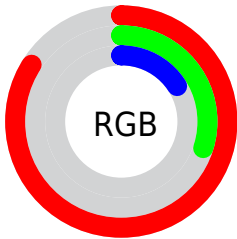
Format	Color
RYB	214, 86, 42
Decimal	14044458
CIELab	51.58, 52.16, 47.97
CIELCh	52, 70.865, 42.601
Yxy	19.7711, 0.5605, 0.3598
Android (android.graphics.Color)	4292234538 (0xFFD64D2A)
YUV	113.9730, -35.4827, 87.7237
Hunter-Lab	44.4647, 45.8445, 25.2807

Details

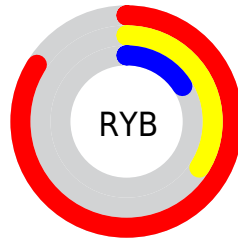
The Hex color **D64D2A** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **2AB3D6**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF845A**, and **970E00** is the 20% darker color. If you saturate the color by 10%, you get **D63C15**, and if you desaturate by 10%, it is **D65E3F**.

Distribution



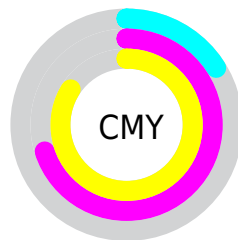
- Red (84%)
- Green (30%)
- Blue (16%)



- Red (84%)
- Yellow (34%)
- Blue (16%)



- Cyan (0%)
- Magenta (64%)
- Yellow (80%)
- Black (16%)



- Cyan (16%)
- Magenta (70%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color D64D2A 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 D64D2A by changing the saturation by 10% instead.

 D64D2A

 D64D2A

FFFFFF

 B63112

 FF845A

 970E00

 FF9F74

 790000

 FFBB8E

 5A0000

 FFD8A9

 3E0002

 FFF5C4

 1D0001

 FFFFEO

 000000

 FFFFFD

 D64D2A

 D64D2A

 D63C15

 D65E3F

 D62C00

 D66F55

 D6806A

 D69180

 D6A295

 D6B3AA

 D6C4C0

 D6D5D5

 D6E6EB

Harmonies

Analogous

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



E53264



D64D2A



B16B00

Triad

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



D64D2A



009354



007AF3

Complementary

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



D64D2A



2AB3D6

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.



008CEF



D64D2A



009694

Square

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



D64D2A



338D0D



0094CC



9C5DD5

Rectangle

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



D64D2A



907A00



0094CC



0081F5

Sweetspot

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



D64D2A



FFCEC2



D62AB4



80625B



000000



808080

Same Dimension

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



D64D2A



FF3C0A



D6A22A



6B6360



AB2300



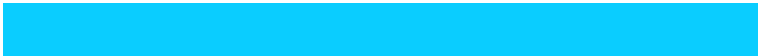
2B0900

Inverse Universe

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



2AB3D6



0ACDFF



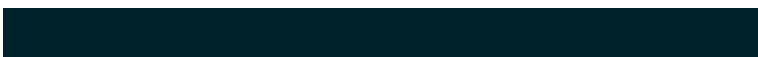
2A5ED6



60696B



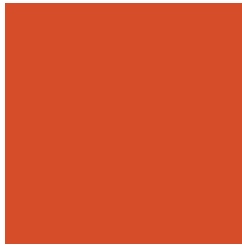
0088AB



00232B

Previews

White Background



This preview shows how the Hex color D64D2A looks on a white background.

Color Contrast Check

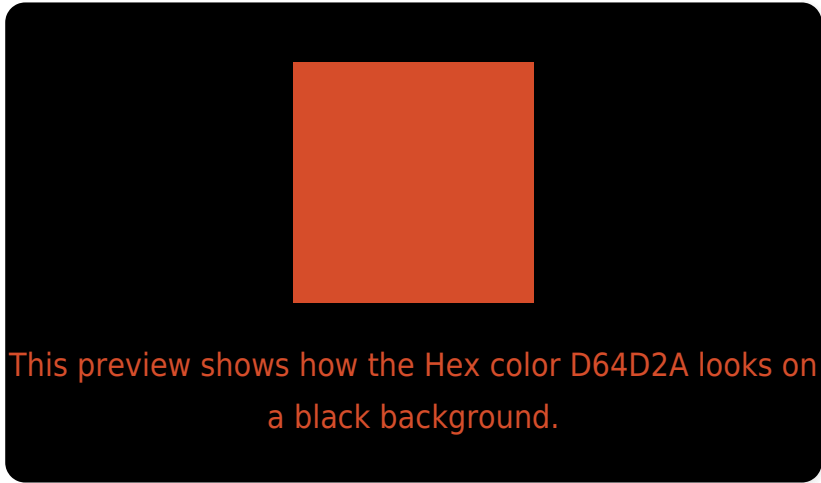
Large Text (above 18pt) WCAG AA ✓ Pass

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 D64D2A Background



This preview shows how black text looks on a background with the Hex color D64D2A.



This preview shows how white text looks on a background with the Hex color D64D2A.

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
D64D2A

Protanopia
897C37

Deuteranopia
9B751E

Trichromacy



Original Color
D64D2A

Protanomaly
A56B32

Deuteranomaly
B06622

Tritanomaly
D74A40

Monochromacy



Original Color
D64D2A

Achromatopsia
727272

Achromatomaly
966558

CSS Examples

Text

The CSS property to change the color of the text to Hex D64D2A 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 #D64D2A looks like.

```
.text, #text, p{  
    color:#D64D2A  
}
```

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 #D64D2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D64D2A }  
}
```

Border

The CSS property to change the border of an element to Hex D64D2A 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 #D64D2A }  
}
```

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

```
.border{ border-color:#D64D2A }
```

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

Here you see how a box with a 4 pixel #D64D2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D64D2A; -webkit-box-shadow:4px 4px  
4px 4px #D64D2A; box-shadow:4px 4px 4px  
4px #D64D2A }
```

Background

The CSS property to change the background color of an element to Hex D64D2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D64D2A }
```

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

```
.background{ background-color:#D64D2A }
```

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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