

# Converting Colors

Hex(D44B27)

Have a look what the booklet for  
Hex(D44B27) contains.

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**Color**

**Hex(D44B27)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D44B27
RGB	212, 75, 39
RGB Percent	83%, 29%, 15%
CMY	0.1686, 0.7059, 0.8471
CMYK	0.00, 0.65, 0.82, 0.17
HSL	12°, 69%, 49%
HSV	12°, 82%, 83%
XYZ	30.0337, 19.1757, 4.0378
YIQ	111.8590, 93.2080, 17.8480

# Conversions

## Conversions Part 2

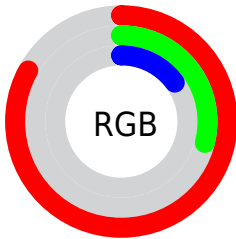
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	212, 84, 39
Decimal	13912871
CIE <sub>Lab</sub>	50.89, 52.23, 48.64
CIE <sub>LCh</sub>	51, 71.370, 42.959
Yxy	19.1757, 0.5640, 0.3601
Android (android.graphics.Color)	4292102951 (0xFFD44B27)
YUV	111.8590, -35.9195, 87.8237
Hunter-Lab	43.7901, 45.7927, 25.1860

# Details

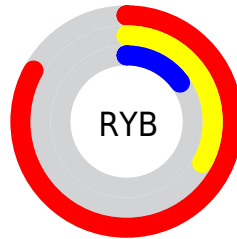
The Hex color **D44B27** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **27B0D4**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF8257**, and **950900** is the 20% darker color. If you saturate the color by 10%, you get **D43A12**, and if you desaturate by 10%, it is **D45C3C**.

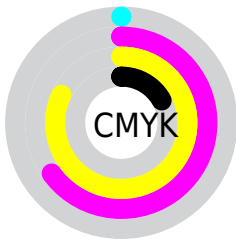
# Distribution



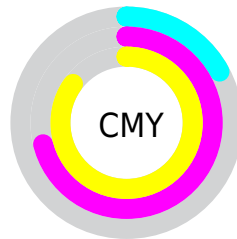
- Red (83%)
- Green (29%)
- Blue (15%)



- Red (83%)
- Yellow (33%)
- Blue (15%)



- Cyan (0%)
- Magenta (65%)
- Yellow (82%)
- Black (17%)



- Cyan (17%)
- Magenta (71%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D44B27 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 D44B27 by changing the saturation by 10% instead.



 D44B27

 D44B27

FFFFFF

 B42F0E

 FF8257

 950900

 FF9D71

 770000

 FFB98B

 580000

 FFD6A5

 3D0002

 FFF3C1

 1A0001

 FFFFDD

 000000

 FFFFFA

 D44B27

 D44B27

 D43A12

 D45C3C

 D42C00

 D46D51

 D47D67

 D48E7C

 D49F91

 D4B0A6

 D4C1BB

 D4D1D1

 D4E2E6

# Harmonies

## Analogous

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



E32E62



D44B27



AF6900

# Triad

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



D44B27



009253



0078F1

# Complementary

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



D44B27



27B0D4

# 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.



008AEE



D44B27



009493

# Square

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



D44B27



2E8B09



0092CC



9B5BD3

# Rectangle

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



D44B27



8D7900



0092CC



007FF4



# Sweetspot

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



D44B27



FFCFC2



D427B1



80625B



000000



808080



# Same Dimension

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



D44B27



FF3905



D4A027



6B6360



AB2400



2B0900

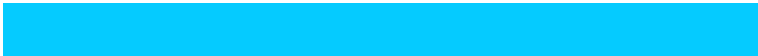


# Inverse Universe

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



27B0D4



05CBFF



275BD4



60696B



0087AB

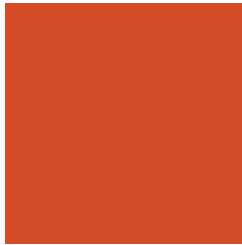


00222B



# Previews

## White Background



This preview shows how the Hex color D44B27 looks on a white background.

## Color Contrast Check

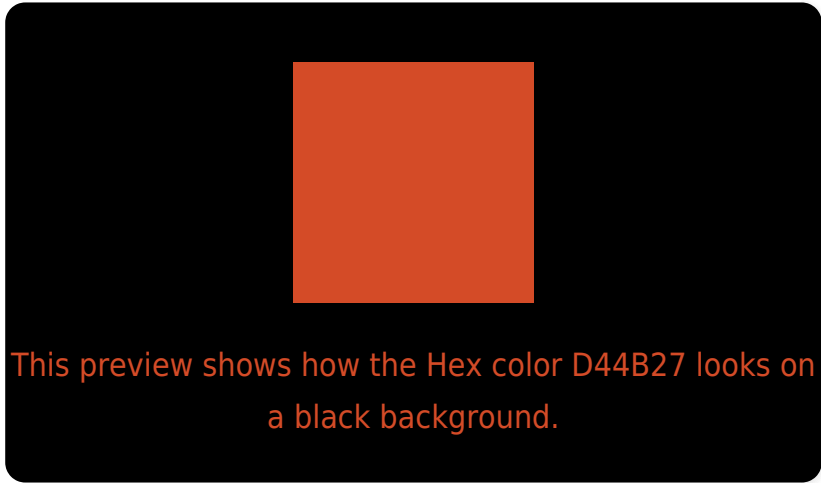
Large Text (above 18pt) WCAG AA ✓ Pass

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 D44B27 Background



This preview shows how black text looks on a background with the Hex color D44B27.

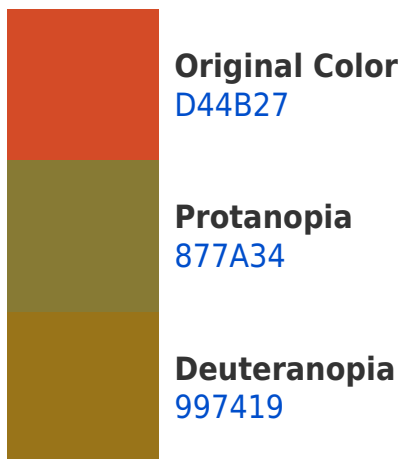



This preview shows how white text looks on a background with the Hex color D44B27.

# 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](#).

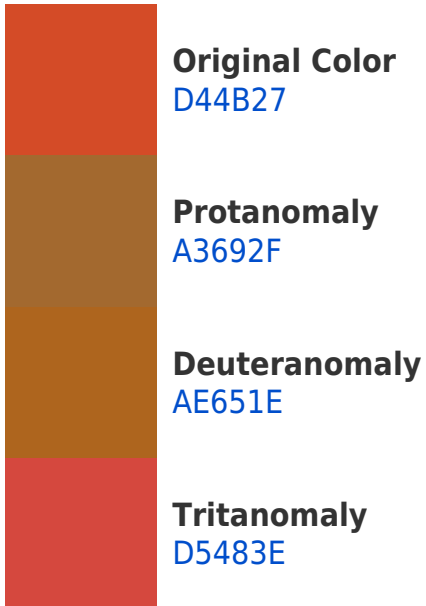
## Dichromacy



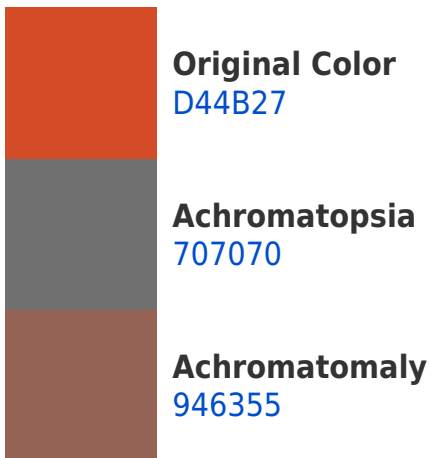


**Tritanopia**  
D5474B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D44B27 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 #D44B27 looks like.

```
.text, #text, p{  
    color:#D44B27  
}
```

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 #D44B27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D44B27
}
```

## Border

The CSS property to change the border of an element to Hex D44B27 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
#D44B27 }
```

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

```
.border{ border-color:#D44B27 }
```

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

Here you see how a box with a 4 pixel #D44B27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D44B27; -webkit-box-shadow:4px 4px  
4px 4px #D44B27; box-shadow:4px 4px 4px  
4px #D44B27 }
```

# Background

The CSS property to change the background color of an element to Hex D44B27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D44B27 }
```

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

```
.background{ background-color:#D44B27 }
```

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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