

# Converting Colors

Hex(D04A15)

Have a look what the booklet for  
Hex(D04A15) contains.

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**Color**

**Hex(D04A15)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D04A15
RGB	208, 74, 21
RGB Percent	82%, 29%, 8%
CMY	0.1843, 0.7098, 0.9176
CMYK	0.00, 0.64, 0.90, 0.18
HSL	17°, 82%, 45%
HSV	17°, 90%, 82%
XYZ	28.5966, 18.3616, 2.7464
YIQ	108.0240, 96.8770, 11.9250

# Conversions

## Conversions Part 2

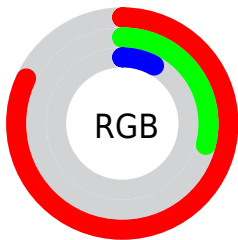
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">208, 95, 21</a>
Decimal	<a href="#">13650453</a>
CIELab	<a href="#">49.93, 50.85, 55.02</a>
CIElCh	<a href="#">50, 74.921, 47.256</a>
Yxy	<a href="#">18.3616, 0.5753, 0.3694</a>
Android (android.graphics.Color)	<a href="#">4291840533 (0xFFD04A15)</a>
YUV	<a href="#">108.0240, -42.9028, 87.6790</a>
Hunter-Lab	<a href="#">42.8504, 44.1351, 26.1952</a>

# Details

The Hex color **D04A15** 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 **159BD0**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF8048**, and **910A00** is the 20% darker color. If you saturate the color by 10%, you get **D03B00**, and if you desaturate by 10%, it is **D0592A**.

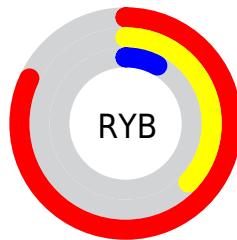
# Distribution



Red (82%)

Green (29%)

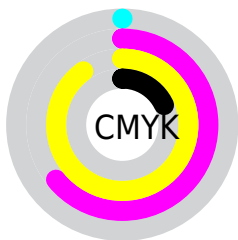
Blue (8%)



Red (82%)

Yellow (37%)

Blue (8%)

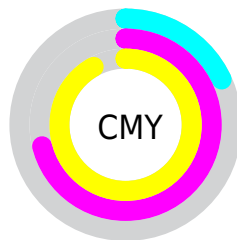


Cyan (0%)

Magenta (64%)

Yellow (90%)

Black (18%)



Cyan (18%)

Magenta (71%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D04A15 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 D04A15 by changing the saturation by 10% instead.



 D04A15

 D04A15

FFFFFF

 B02E00

 FF8048

 910A00

 FF9C61

 720000

 FFB87B

 540000

 FFD496

 3A0002

 FFF1B1

 120000

 FFFFFCD

 000000

 FFFFEEA

 D04A15

 D04A15

 D03B00

 D0592A

 D0683F

 D07753

 D08668

 D0957D

 D0A392

 D0B2A7

 D0C1BB

 D0D0D0

# Harmonies

## Analogous

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



E42355



D04A15



A66A00

# Triad

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



D04A15



009058



0072F2

# Complementary

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



D04A15



159BD0

# 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.



0086F4



D04A15



00929B

# Square

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



D04A15



008B0B



0090D4



A551CE

# Rectangle

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



D04A15



827900



0090D4



007AF7



# Sweetspot

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



D04A15



FFCEBA



D0159B



806257



000000



808080



# Same Dimension

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



D04A15



FF4800



D0A715



69615E



A83000



290C00



# Inverse Universe

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



159BD0



00B7FF



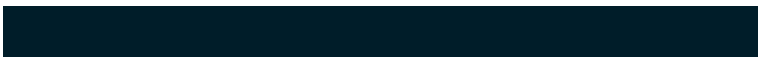
153ED0



5E6669



0079A8



001D29



# Previews

## White Background



This preview shows how the Hex color D04A15 looks on a white background.

## Color Contrast Check

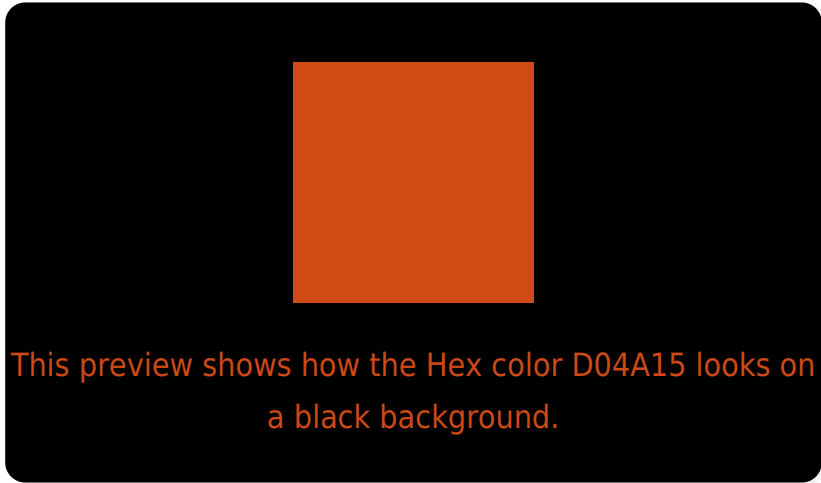
Large Text (above 18pt) WCAG AA ✓ Pass

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 D04A15 Background



This preview shows how black text looks on a background with the Hex color D04A15.

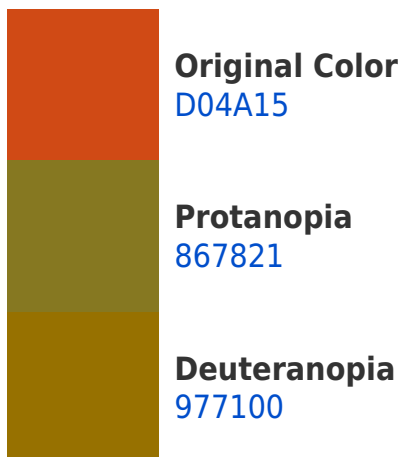



This preview shows how white text looks on a background with the Hex color D04A15.

# 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**  
D14549

# Trichromacy



**Original Color**  
D04A15

**Protanomaly**  
A1671D

**Deuteranomaly**  
AC6308

**Tritanomaly**  
D14736

# Monochromacy



**Original Color**  
D04A15

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
90604C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D04A15 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 #D04A15 looks like.

```
.text, #text, p{  
    color:#D04A15  
}
```

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 #D04A15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D04A15
}
```

## Border

The CSS property to change the border of an element to Hex D04A15 is called "border". The border property can be set on classes, ids or directly on the HTML element.

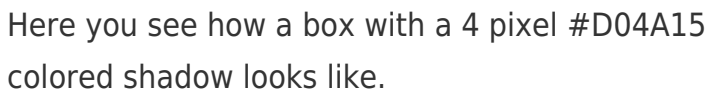
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D04A15 }
```

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

```
.border{ border-color:#D04A15 }
```

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



Here you see how a box with a 4 pixel #D04A15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D04A15; -webkit-box-shadow:4px 4px  
4px 4px #D04A15; box-shadow:4px 4px 4px  
4px #D04A15 }
```

# Background

The CSS property to change the background color of an element to Hex D04A15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D04A15 }
```

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

```
.background{ background-color:#D04A15 }
```

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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