

# Converting Colors

Hex(DD622C)

Have a look what the booklet for  
Hex(DD622C) contains.

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**Color**

**Hex(DD622C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DD622C
RGB	221, 98, 44
RGB Percent	87%, 38%, 17%
CMY	0.1333, 0.6157, 0.8275
CMYK	0.00, 0.56, 0.80, 0.13
HSL	18°, 72%, 52%
HSV	18°, 80%, 87%
XYZ	34.6411, 24.2894, 5.2454
YIQ	128.6210, 90.6420, 9.2820

# Conversions

## Conversions Part 2

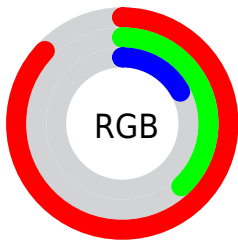
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	221, 122, 44
Decimal	14508588
CIE <sub>Lab</sub>	56.38, 45.19, 52.01
CIE <sub>LCh</sub>	56, 68.900, 49.018
Yxy	24.2894, 0.5398, 0.3785
Android (android.graphics.Color)	4292698668 (0xFFDD622C)
YUV	128.6210, -41.7182, 81.0164
Hunter-Lab	49.2842, 39.2173, 28.1886

# Details

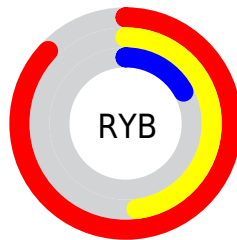
The Hex color **DD622C** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **2CA7DD**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF985E**, and **9F2D00** is the 20% darker color. If you saturate the color by 10%, you get **DD5316**, and if you desaturate by 10%, it is **DD7142**.

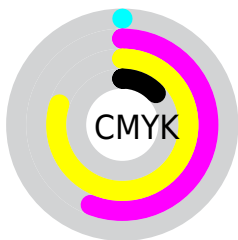
# Distribution



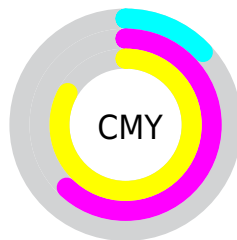
- Red (87%)
- Green (38%)
- Blue (17%)



- Red (87%)
- Yellow (48%)
- Blue (17%)



- Cyan (0%)
- Magenta (56%)
- Yellow (80%)
- Black (13%)



- Cyan (13%)
- Magenta (62%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD622C 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 DD622C by changing the saturation by 10% instead.



 DD622C

 DD622C

FFFFFF

 BE4812

 FF985E

 9F2D00

 FFB377

 800E00

 FFD092

 620000

 FFECAD

 450000

 FFFFC9

 2A0001

 FFFF E5

 000000

 DD622C

 DD622C

 DD5316

 DD7142

 DD4300

 DD8158

 DD906E

 DD9F84

 DDAF9B

 DDBEB1

 DDCEC7

 DDDDDD

 DDECF3

# Harmonies

## Analogous

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



F04964



DD622C



B57D00

# Triad

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



DD622C



00A16E



5181FA

# Complementary

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



DD622C



2CA7DD

# 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.



0095FE



DD622C



00A2AD

# Square

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



DD622C



2C9B31



009FE1



B864D7

# Rectangle

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



DD622C



928A00



009FE1



0089FF



# Sweetspot

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



DD622C



FFD4C2



DD2CA8



80665B



000000



808080



# Same Dimension

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



DD622C



FF550A



DDBA2C



6E6663



AD3500



2E0E00

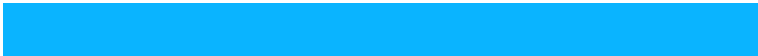


# Inverse Universe

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



2CA7DD



0AB4FF



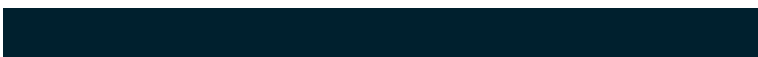
2C4FDD



636A6E



0078AD



00202E



# Previews

## White Background



This preview shows how the Hex color DD622C looks on a white background.

## Color Contrast Check

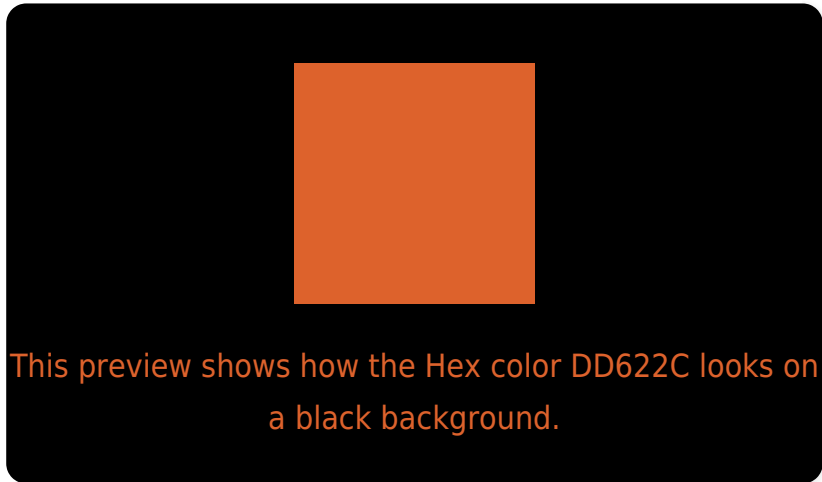
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD622C Background



This preview shows how black text looks on a background with the Hex color DD622C.



This preview shows how white text looks on a background with the Hex color DD622C.

# 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**  
DD622C

**Protanopia**  
978836

**Deuteranopia**  
AB8122



# Trichromacy



**Original Color**  
DD622C

**Protanomaly**  
B07A32

**Deuteranomaly**  
BD7626

**Tritanomaly**  
DE5E4E

# Monochromacy



**Original Color**  
DD622C

**Achromatopsia**  
818181

**Achromatomaly**  
A27662

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD622C 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 #DD622C looks like.

```
.text, #text, p{  
    color:#DD622C  
}
```

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 #DD622C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD622C
}
```

## Border

The CSS property to change the border of an element to Hex DD622C 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
#DD622C }
```

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

```
.border{ border-color:#DD622C }
```

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

Here you see how a box with a 4 pixel #DD622C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD622C; -webkit-box-shadow:4px 4px  
4px 4px #DD622C; box-shadow:4px 4px 4px  
4px #DD622C }
```

# Background

The CSS property to change the background color of an element to Hex DD622C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD622C }
```

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

```
.background{ background-color:#DD622C }
```

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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