

Converting Colors

Hex(D2322D)

Have a look what the booklet for
Hex(D2322D) contains.

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Color

Hex(D2322D)

Conversions

Conversions Part 1

Format	Color
Hex	D2322D
RGB	210, 50, 45
RGB Percent	82%, 20%, 18%
CMY	0.1765, 0.8039, 0.8235
CMYK	0.00, 0.76, 0.79, 0.18
HSL	2°, 65%, 50%
HSV	2°, 79%, 82%
XYZ	28.1926, 16.1723, 4.1183
YIQ	97.2700, 96.9650, 32.3650

Conversions

Conversions Part 2

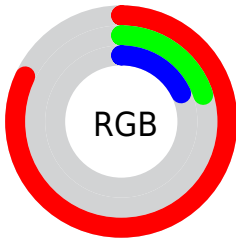
Format	Color
RYB	210, 50, 45
Decimal	13775405
CIELab	47.20, 61.04, 41.83
CIELCh	47, 73.998, 34.422
Yxy	16.1723, 0.5815, 0.3336
Android (android.graphics.Color)	4291965485 (0xFFD2322D)
YUV	97.2700, -25.7691, 98.8642
Hunter-Lab	40.2148, 54.7616, 22.0787

Details

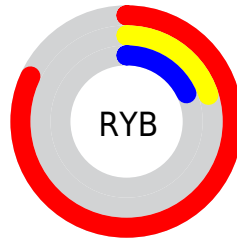
The Hex color **D2322D** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **2DCDD2**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF6D5C**, and **930000** is the 20% darker color. If you saturate the color by 10%, you get **D21E18**, and if you desaturate by 10%, it is **D24642**.

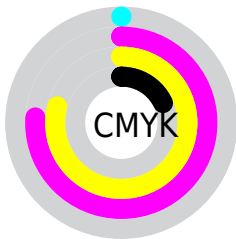
Distribution



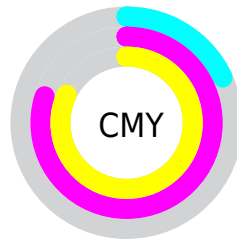
- Red (82%)
- Green (20%)
- Blue (18%)



- Red (82%)
- Yellow (20%)
- Blue (18%)



- Cyan (0%)
- Magenta (76%)
- Yellow (79%)
- Black (18%)



- Cyan (18%)
- Magenta (80%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color D2322D 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 D2322D by changing the saturation by 10% instead.

 D2322D

 D2322D

FFFFFF

 B20417

 FF6D5C

 930000

 FF8A75

 740000

 FFA68F

 550000

 FFC3A9

 390002

 FFE0C5

 0F0000

 FFFEE1

 000000

FFFFFFE

 D2322D

 D2322D

 D21E18

 D24642

 D20903

 D25B57

 D20600

 D26F6C

 D28381

 D29896

 D2ACAB

 D2C1C0

 D2D5D5

 D2E9EA

Harmonies

Analogous

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



DA0D6A



D2322D



B15700

Triad

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



D2322D



008736



0075EE

Complementary

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



D2322D



2DCDD2

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.



0084E1



D2322D



008A78

Square

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



D2322D



3D7F00



008AB5



765AD8

Rectangle

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



D2322D



926900



008AB5



007CEE

Sweetspot

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



D2322D



FFC4C2



D22DCF



805C5B



000000



808080

Same Dimension

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



D2322D



FF170F



D2822D



695E5E



A80500



290100

Inverse Universe

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



2DCDD2



0FF8FF



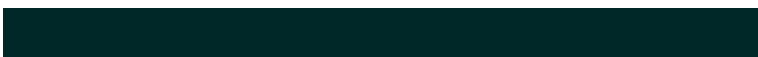
2D7DD2



5E6869



00A3A8



002829

Previews

White Background



This preview shows how the Hex color D2322D looks on a white 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

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D2322D Background



This preview shows how black text looks on a background with the Hex color D2322D.



This preview shows how white text looks on a background with the Hex color D2322D.

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
D2322D

Protanopia
7C713F

Deuteranopia
8D6B20

Trichromacy



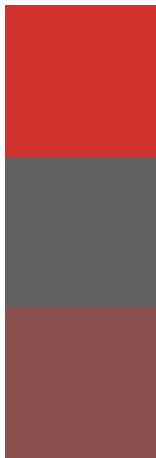
Original Color
D2322D

Protanomaly
9B5A38

Deuteranomaly
A65625

Tritanomaly
D23130

Monochromacy



Original Color
D2322D

Achromatopsia
616161

Achromatomaly
8A504E

CSS Examples

Text

The CSS property to change the color of the text to Hex D2322D 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 #D2322D looks like.

```
.text, #text, p{  
    color:#D2322D  
}
```

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 #D2322D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2322D
}
```

Border

The CSS property to change the border of an element to Hex D2322D 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
#D2322D }
```

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

```
.border{ border-color:#D2322D }
```

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

Here you see how a box with a 4 pixel #D2322D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2322D; -webkit-box-shadow:4px 4px  
4px 4px #D2322D; box-shadow:4px 4px 4px  
4px #D2322D }
```

Background

The CSS property to change the background color of an element to Hex D2322D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2322D }
```

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

```
.background{ background-color:#D2322D }
```

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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