

Converting Colors

Hex(D13222)

Have a look what the booklet for
Hex(D13222) contains.

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Color

Hex(D13222)

Conversions

Conversions Part 1

Format	Color
Hex	D13222
RGB	209, 50, 34
RGB Percent	82%, 20%, 13%
CMY	0.1804, 0.8039, 0.8667
CMYK	0.00, 0.76, 0.84, 0.18
HSL	5°, 72%, 48%
HSV	5°, 84%, 82%
XYZ	27.7238, 15.9520, 3.1312
YIQ	95.7170, 99.9000, 28.7320

Conversions

Conversions Part 2

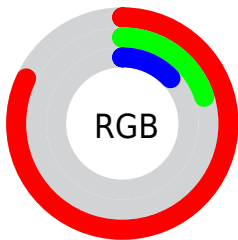
Format	Color
RYB	209, 52, 34
Decimal	13709858
CIELab	46.91, 60.43, 47.19
CIElCh	47, 76.671, 37.991
Yxy	15.9520, 0.5923, 0.3408
Android (android.graphics.Color)	4291899938 (0xFFD13222)
YUV	95.7170, -30.4265, 99.3492
Hunter-Lab	39.9400, 54.0086, 23.3098

Details

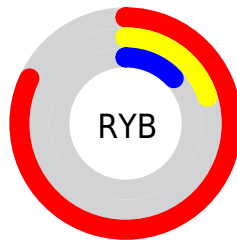
The Hex color **D13222** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **22C1D1**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF6D51**, and **920000** is the 20% darker color. If you saturate the color by 10%, you get **D11F0D**, and if you desaturate by 10%, it is **D14537**.

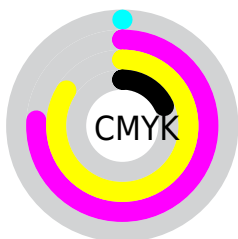
Distribution



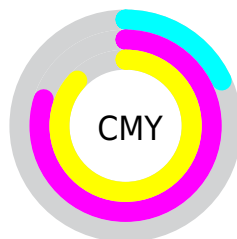
- Red (82%)
- Green (20%)
- Blue (13%)



- Red (82%)
- Yellow (20%)
- Blue (13%)



- Cyan (0%)
- Magenta (76%)
- Yellow (84%)
- Black (18%)



- Cyan (18%)
- Magenta (80%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color D13222 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 D13222 by changing the saturation by 10% instead.

 D13222

 D13222

FFFFFF

 B1050A

 FF6D51

 920000

 FF896A

 720000

 FFA684

 540000

 FFC29E

 370002

 FFE0B9

 0A0000

 FFFDD5

 000000

 FFFFF2

 D13222

 D13222

 D11F0D

 D14537

 D11300

 D1584C

 D16B61

 D17E76

 D1918B

 D1A49F

 D1B7B4

 D1CAC9

 D1DDDE

Harmonies

Analogous

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



DD0061



D13222



AD5900

Triad

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



D13222



00873B



0072F1

Complementary

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



D13222



22C1D1

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.



0083E8



D13222



008A7F

Square

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



D13222



2B8000



0089BE



8254D6

Rectangle

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



D13222



8B6B00



0089BE



0079F2

Sweetspot

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



D13222



FFC5BF



D122C2



805D59



000000



808080

Same Dimension

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



D13222



FF1700



D18822



695F5E



A80F00



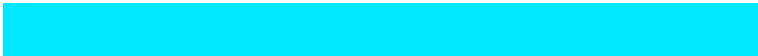
290400

Inverse Universe

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



22C1D1



00E8FF



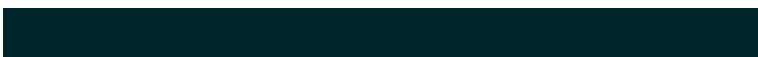
226BD1



5E6869



0099A8



002529

Previews

White Background



This preview shows how the Hex color D13222 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 D13222 Background



This preview shows how black text looks on a background with the Hex color D13222.



This preview shows how white text looks on a background with the Hex color D13222.

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
D13222

Protanopia
7C7032

Deuteranopia
8E6A0D

Trichromacy



Original Color
D13222

Protanomaly
9B592C

Deuteranomaly
A65615

Tritanomaly
D1312C

Monochromacy



Original Color
D13222

Achromatopsia
606060

Achromatomaly
894F49

CSS Examples

Text

The CSS property to change the color of the text to Hex D13222 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 #D13222 looks like.

```
.text, #text, p{  
  color:#D13222  
}
```

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 #D13222 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D13222
}
```

Border

The CSS property to change the border of an element to Hex D13222 is called "border". The border property can be set on classes, ids or directly on the HTML element.

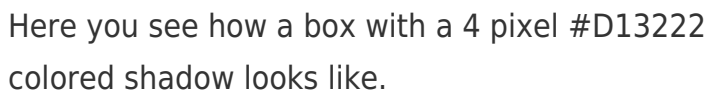
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D13222 }
```

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

```
.border{ border-color:#D13222 }
```

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



Here you see how a box with a 4 pixel #D13222 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D13222; -webkit-box-shadow:4px 4px  
4px 4px #D13222; box-shadow:4px 4px 4px  
4px #D13222 }
```

Background

The CSS property to change the background color of an element to Hex D13222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D13222 }
```

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

```
.background{ background-color:#D13222 }
```

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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