

Converting Colors

Hex(D52231)

Have a look what the booklet for
Hex(D52231) contains.

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Color

Hex(D52231)

Conversions

Conversions Part 1

Format	Color
Hex	D52231
RGB	213, 34, 49
RGB Percent	84%, 13%, 19%
CMY	0.1647, 0.8667, 0.8078
CMYK	0.00, 0.84, 0.77, 0.16
HSL	355°, 72%, 48%
HSV	355°, 84%, 84%
XYZ	28.5670, 15.5119, 4.3942
YIQ	89.2310, 101.8690, 42.6130

Conversions

Conversions Part 2

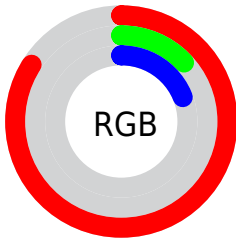
Format	Color
R_{YB}	213, 34, 49
Decimal	13967921
CIE Lab	46.33, 66.27, 38.86
CIE LCh	46, 76.823, 30.386
Yxy	15.5119, 0.5893, 0.3200
Android (android.graphics.Color)	4292158001 (0xFFD52231)
YUV	89.2310, -19.8339, 108.5454
Hunter-Lab	39.3852, 60.5460, 20.9547

Details

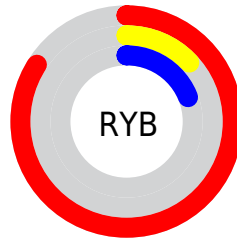
The Hex color **D52231** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **22D5C6**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF6460**, and **950005** is the 20% darker color. If you saturate the color by 10%, you get **D50D1D**, and if you desaturate by 10%, it is **D53745**.

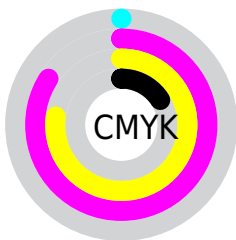
Distribution



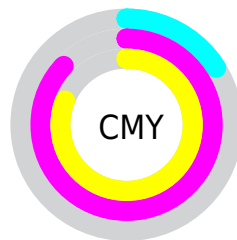
- Red (84%)
- Green (13%)
- Blue (19%)



- Red (84%)
- Yellow (13%)
- Blue (19%)



- Cyan (0%)
- Magenta (84%)
- Yellow (77%)
- Black (16%)



- Cyan (16%)
- Magenta (87%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color D52231 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 D52231 by changing the saturation by 10% instead.

 D52231

 D52231

FFFFFF

 B5001C

 FF6460

 950005

 FF8179

 760000

 FF9E93

 570001

 FFBBAD

 3A0002

 FFD8C9

 110000

 FFF6E5

 000000

 D52231

 D52231

 D50D1D

 D53745

 D50012

 D54D58

 D5626C

 D5777F

 D58C93

 D5A2A6

 D5B7BA

 D5CCCD

 D5E2E1

Harmonies

Analogous

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



D90070



D52231



B64F00

Triad

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



D52231



008427



0076F1

Complementary

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



D52231



22D5C6

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.



0084DF



D52231



00886D

Square

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



D52231



437C00



0088AE



625CDF

Rectangle

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



D52231



976400



0088AE



007CEF

Sweetspot

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



D52231



FFBFC5



C322D5



80595C



000000



808080

Same Dimension

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



D52231



FF0015



D56A22



6B6061



AB000E



2B0004

Inverse Universe

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



D52231



FF0015



228DD5



6B6061



AB000E



2B0004

Previews

White Background



This preview shows how the Hex color D52231 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 D52231 Background



This preview shows how black text looks on a background with the Hex color D52231.



This preview shows how white text looks on a background with the Hex color D52231.

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
D52231

Protanopia
786F48

Deuteranopia
8B6924

Trichromacy



Original Color
D52231

Protanomaly
9A5340

Deuteranomaly
A64F29

Tritanomaly
D52428

Monochromacy



Original Color
D52231

Achromatopsia
595959

Achromatomaly
86454A

CSS Examples

Text

The CSS property to change the color of the text to Hex D52231 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 #D52231 looks like.

```
.text, #text, p{  
    color:#D52231  
}
```

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 #D52231 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D52231
}
```

Border

The CSS property to change the border of an element to Hex D52231 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
#D52231 }
```

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

```
.border{ border-color:#D52231 }
```

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

Here you see how a box with a 4 pixel #D52231 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D52231; -webkit-box-shadow:4px 4px  
4px 4px #D52231; box-shadow:4px 4px 4px  
4px #D52231 }
```

Background

The CSS property to change the background color of an element to Hex D52231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D52231 }
```

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

```
.background{ background-color:#D52231 }
```

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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