

Converting Colors

Hex(D72A21)

Have a look what the booklet for
Hex(D72A21) contains.

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Color

Hex(D72A21)

Conversions

Conversions Part 1

Format	Color
Hex	D72A21
RGB	215, 42, 33
RGB Percent	84%, 16%, 13%
CMY	0.1569, 0.8353, 0.8706
CMYK	0.00, 0.80, 0.85, 0.16
HSL	3°, 73%, 49%
HSV	3°, 85%, 84%
XYZ	29.1268, 16.2128, 3.0331
YIQ	92.7010, 105.9970, 33.8770

Conversions

Conversions Part 2

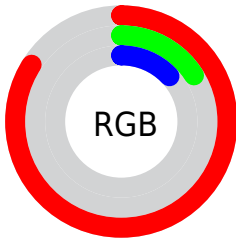
Format	Color
RYB	215, 42, 33
Decimal	14101025
CIELab	47.25, 64.46, 48.43
CIElCh	47, 80.623, 36.918
Yxy	16.2128, 0.6021, 0.3352
Android (android.graphics.Color)	4292291105 (0xFFD72A21)
YUV	92.7010, -29.4326, 107.2562
Hunter-Lab	40.2651, 58.6586, 23.7194

Details

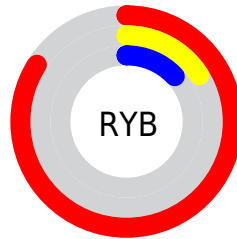
The Hex color **D72A21** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **21CED7**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF6850**, and **970000** is the 20% darker color. If you saturate the color by 10%, you get **D7160B**, and if you desaturate by 10%, it is **D73E36**.

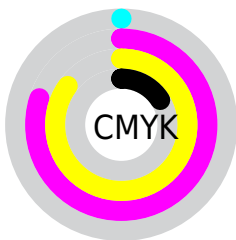
Distribution



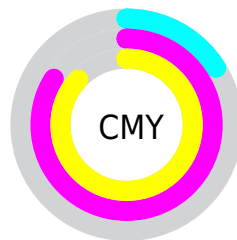
- Red (84%)
- Green (16%)
- Blue (13%)



- Red (84%)
- Yellow (16%)
- Blue (13%)



- Cyan (0%)
- Magenta (80%)
- Yellow (85%)
- Black (16%)



- Cyan (16%)
- Magenta (84%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color D72A21 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 D72A21 by changing the saturation by 10% instead.

 D72A21

 D72A21

FFFFFF

 B70009

 FF6850

 970000

 FF8569

 770000

 FFA283

 580001

 FFBF9D

 3B0003

 FFDCB8

 150000

 FFFAD4

 000000

 FFFFF1

 D72A21

 D72A21

 D7160B

 D73E36

 D70B00

 D7534C

 D76761

 D77C77

 D7908C

 D7A5A2

 D7B9B8

 D7CDCD

 D7E2E3

Harmonies

Analogous

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



E30064



D72A21



B15800

Triad

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



D72A21



008936



0075F9

Complementary

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



D72A21



21CED7

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.



0085EE



D72A21



008C7F

Square

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



D72A21



298200



008BC1



7F55DE

Rectangle

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



D72A21



8F6B00



008BC1



007CFA

Sweetspot

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



D72A21



FFC2BF



D721D1



805B59



000000



808080

Same Dimension

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



D72A21



FF0D00



D78221



6B6160



AB0800



2B0200

Inverse Universe

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



21CED7



00F2FF



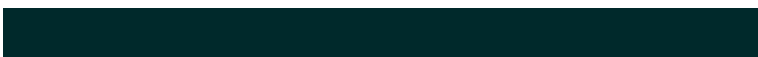
2176D7



606B6B



00A2AB



00292B

Previews

White Background



This preview shows how the Hex color D72A21 looks on a white background.

Color Contrast Check

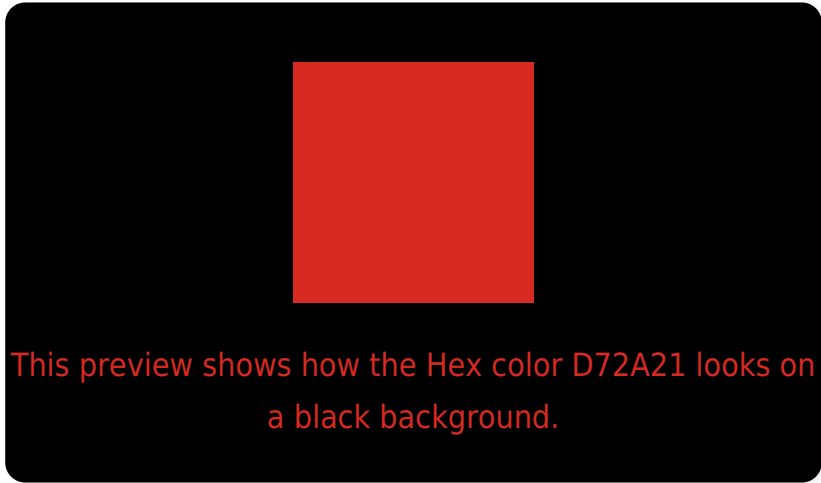
Large Text (above 18pt) WCAG AA ✓ Pass

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 D72A21 Background



This preview shows how black text looks on a background with the Hex color D72A21.



This preview shows how white text looks on a background with the Hex color D72A21.

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



Trichromacy



Original Color
D72A21

Protanomaly
9E572C

Deuteranomaly
A9530C

Tritanomaly
D72926

Monochromacy



Original Color
D72A21

Achromatopsia
5D5D5D

Achromatomaly
894A47

CSS Examples

Text

The CSS property to change the color of the text to Hex D72A21 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 #D72A21 looks like.

```
.text, #text, p{  
  color:#D72A21  
}
```

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 #D72A21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D72A21
}
```

Border

The CSS property to change the border of an element to Hex D72A21 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".

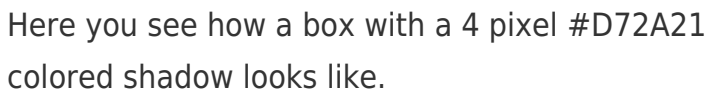
```
.border, #border, table{ border:4px solid
#D72A21 }
```

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

```
.border{ border-color:#D72A21 }
```

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

Here you see how a box with a 4 pixel #D72A21 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D72A21; -webkit-box-shadow:4px 4px  
4px 4px #D72A21; box-shadow:4px 4px 4px  
4px #D72A21 }
```

Background

The CSS property to change the background color of an element to Hex D72A21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D72A21 }
```

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

```
.background{ background-color:#D72A21 }
```

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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