

Converting Colors

Hex(D12A37)

Have a look what the booklet for
Hex(D12A37) contains.

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Color

Hex(D12A37)

Conversions

Conversions Part 1

Format	Color
Hex	D12A37
RGB	209, 42, 55
RGB Percent	82%, 16%, 22%
CMY	0.1804, 0.8353, 0.7843
CMYK	0.00, 0.80, 0.74, 0.18
HSL	355°, 67%, 49%
HSV	355°, 80%, 82%
XYZ	27.8120, 15.4871, 5.1379
YIQ	93.4150, 95.3590, 39.4470

Conversions

Conversions Part 2

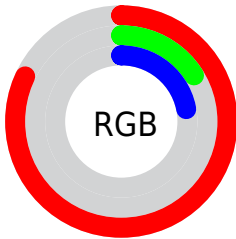
Format	Color
R_{YB}	209, 42, 55
Decimal	13707831
CIE _{Lab}	46.29, 63.44, 35.13
CIE _{LCh}	46, 72.515, 28.978
Yxy	15.4871, 0.5742, 0.3197
Android (android.graphics.Color)	4291897911 (0xFFD12A37)
YUV	93.4150, -18.9386, 101.3680
Hunter-Lab	39.3536, 57.2809, 19.8068

Details

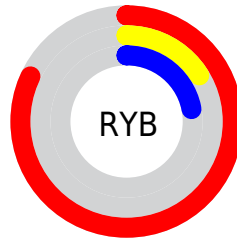
The Hex color **D12A37** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **2AD1C4**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF6866**, and **92000D** is the 20% darker color. If you saturate the color by 10%, you get **D11524**, and if you desaturate by 10%, it is **D13F4A**.

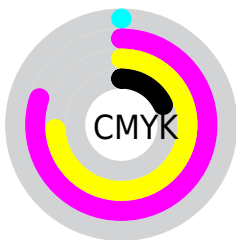
Distribution



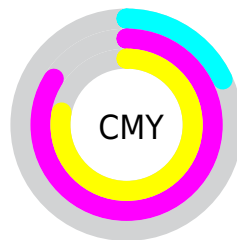
- Red (82%)
- Green (16%)
- Blue (22%)



- Red (82%)
- Yellow (16%)
- Blue (22%)



- Cyan (0%)
- Magenta (80%)
- Yellow (74%)
- Black (18%)



- Cyan (18%)
- Magenta (84%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color D12A37 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 D12A37 by changing the saturation by 10% instead.

 D12A37

 D12A37

FFFFFF

 B10021

 FF6866

 92000D

 FF847F

 730000

 FFA199

 540001

 FFBE84

 380002

 FFDBD0

 0B0000

 FFF9EC

 000000

 D12A37

 D12A37

 D11524

 D13F4A

 D10010

 D1545E

 D16971

 D17E84

 D19397

 D1A7AB

 D1BCBE

 D1D1D1

 D1E6E4

Harmonies

Analogous

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



D31173



D12A37



B55000

Triad

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



D12A37



008328



0077E9

Complementary

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



D12A37



2AD1C4

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.



0083D6



D12A37



00876A

Square

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



D12A37



4A7B00



0087A7



5F5EDA

Rectangle

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



D12A37



986300



0087A7



007CE6

Sweetspot

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



D12A37



FFC2C7



C32AD1



805B5D



000000



808080

Same Dimension

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



D12A37



FF0A1D



D1702A



695E5F



A8000D



290003

Inverse Universe

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



D12A37



FF0A1D



2A8BD1



695E5F



A8000D



290003

Previews

White Background



This preview shows how the Hex color D12A37 looks on a white background.

Color Contrast Check

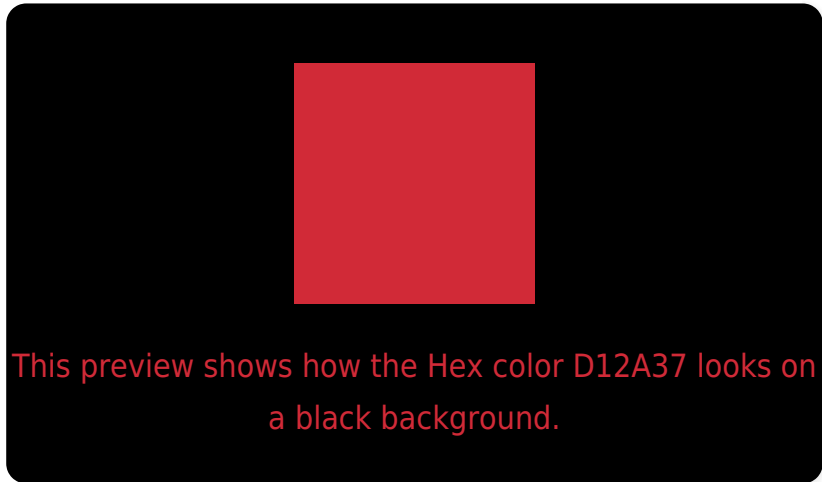
Large Text (above 18pt) WCAG AA ✓ Pass

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 D12A37 Background



This preview shows how black text looks on a background with the Hex color D12A37.



This preview shows how white text looks on a background with the Hex color D12A37.

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
D12A37

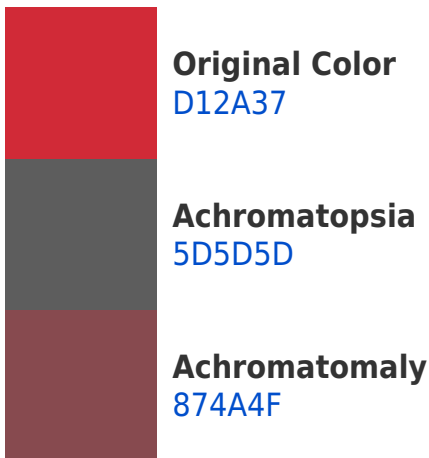
Protanopia
776E4D

Deuteranopia
89692D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D12A37 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 #D12A37 looks like.

```
.text, #text, p{  
    color:#D12A37  
}
```

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 #D12A37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D12A37
}
```

Border

The CSS property to change the border of an element to Hex D12A37 is called "border". The border property can be set on classes, ids or directly on the HTML element.

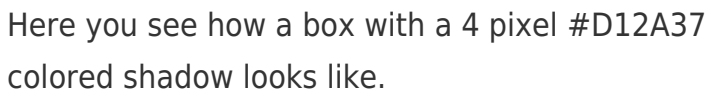
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D12A37 }
```

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

```
.border{ border-color:#D12A37 }
```

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



Here you see how a box with a 4 pixel `#D12A37` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D12A37; -webkit-box-shadow:4px 4px  
4px 4px #D12A37; box-shadow:4px 4px 4px  
4px #D12A37 }
```

Background

The CSS property to change the background color of an element to Hex D12A37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D12A37 }
```

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

```
.background{ background-color:#D12A37 }
```

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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