

Converting Colors

Hex(D12B5D)

Have a look what the booklet for
Hex(D12B5D) contains.

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Color

Hex(D12B5D)

Conversions

Conversions Part 1

Format	Color
Hex	D12B5D
RGB	209, 43, 93
RGB Percent	82%, 17%, 36%
CMY	0.1804, 0.8314, 0.6353
CMYK	0.00, 0.79, 0.56, 0.18
HSL	342°, 66%, 49%
HSV	342°, 79%, 82%
XYZ	29.1342, 16.0734, 11.9229
YIQ	98.3340, 82.8860, 50.7420

Conversions

Conversions Part 2

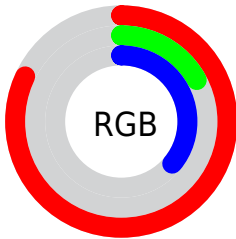
Format	Color
RYB	209, 43, 93
Decimal	13708125
CIELab	47.07, 65.27, 13.06
CIElCh	47, 66.563, 11.314
Yxy	16.0734, 0.5100, 0.2813
Android (android.graphics.Color)	4291898205 (0xFFD12B5D)
YUV	98.3340, -2.6297, 97.0541
Hunter-Lab	40.0916, 59.5537, 10.4319

Details

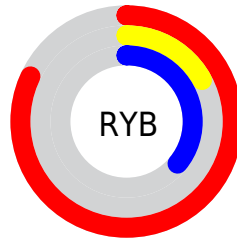
The Hex color **D12B5D** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **2BD19F**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF698F**, and **940030** is the 20% darker color. If you saturate the color by 10%, you get **D1164E**, and if you desaturate by 10%, it is **D1406C**.

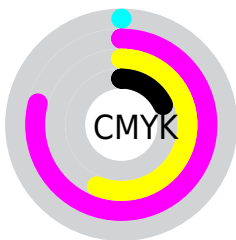
Distribution



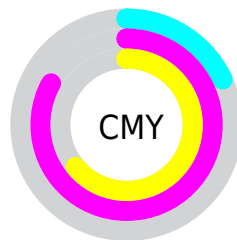
- Red (82%)
- Green (17%)
- Blue (36%)



- Red (82%)
- Yellow (17%)
- Blue (36%)



- Cyan (0%)
- Magenta (79%)
- Yellow (56%)
- Black (18%)



- Cyan (18%)
- Magenta (83%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color D12B5D 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 D12B5D by changing the saturation by 10% instead.

 D12B5D

 D12B5D

FFFFFF

 B20046

 FF698F

 940030

 FF86A9

 76001C

 FFA3C4

 580001

 FFC0E0

 3B0003

 FFDEFD

 150000

 FFFBFF

 000000

 D12B5D

 D12B5D

 D1164E

 D1406C

 D10140

 D1557A

 D1003F

 D16A89

 D17F97

 D194A6

 D1A8B5

 D1BDC3

 D1D2D2

 D1E7E0

Harmonies

Analogous

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



C03695



D12B5D



C54427

Triad

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



D12B5D



318005



0080DA

Complementary

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



D12B5D



2BD19F

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.



0087B9



D12B5D



008649

Square

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



D12B5D



747400



008884



0070DF

Rectangle

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



D12B5D



B05700



008884



0083D2

Sweetspot

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



D12B5D



FFC2D4



9C2BD1



805B66



000000



808080

Same Dimension

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



D12B5D



FF0D56



D1492B



695E61



A80033



29000C

Inverse Universe

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



D12B5D



FF0D56



2BB3D1



695E61



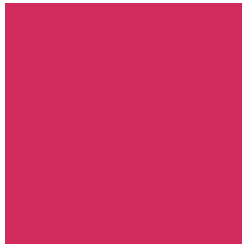
A80033



29000C

Previews

White Background



This preview shows how the Hex color D12B5D looks on a white background.

Color Contrast Check

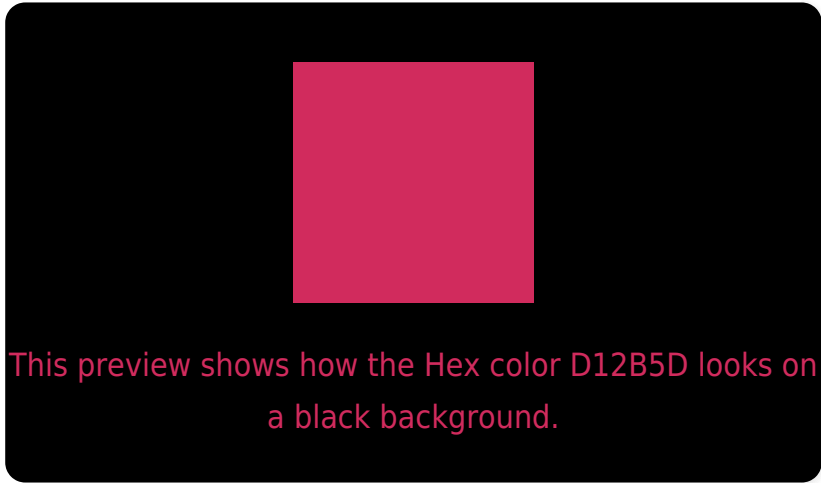
Large Text (above 18pt) WCAG AA ✓ Pass

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 D12B5D Background



This preview shows how black text looks on a background with the Hex color D12B5D.

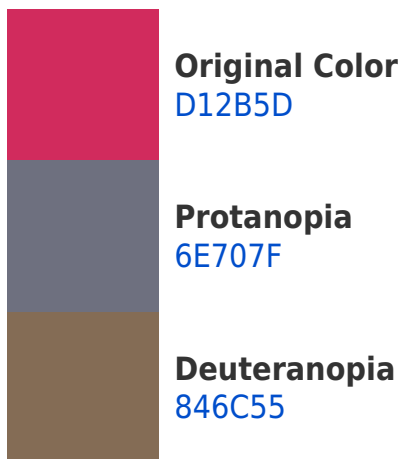


This preview shows how white text looks on a background with the Hex color D12B5D.

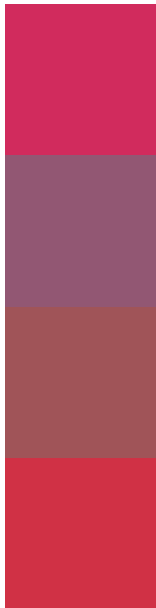
Color Blindness Simulation

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
D12B5D

Protanomaly
925773

Deuteranomaly
A05458

Tritanomaly
D03145

Monochromacy



Original Color
D12B5D

Achromatopsia
626262

Achromatomaly
8A4E60

CSS Examples

Text

The CSS property to change the color of the text to Hex D12B5D 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 #D12B5D looks like.

```
.text, #text, p{  
    color:#D12B5D  
}
```

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 #D12B5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D12B5D
}
```

Border

The CSS property to change the border of an element to Hex D12B5D is called "border". The border property can be set on classes, ids or directly on the HTML element.

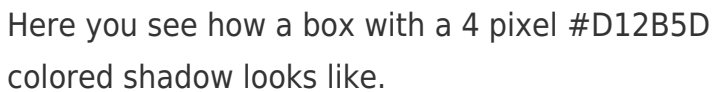
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D12B5D }
```

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

```
.border{ border-color:#D12B5D }
```

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



Here you see how a box with a 4 pixel #D12B5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D12B5D; -webkit-box-shadow:4px 4px  
4px 4px #D12B5D; box-shadow:4px 4px 4px  
4px #D12B5D }
```

Background

The CSS property to change the background color of an element to Hex D12B5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D12B5D }
```

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

```
.background{ background-color:#D12B5D }
```

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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