

Converting Colors

Hex(D12A00)

Have a look what the booklet for
Hex(D12A00) contains.

Hex(D12A00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D12A00)

Conversions

Conversions Part 1

Format	Color
Hex	D12A00
RGB	209, 42, 0
RGB Percent	82%, 16%, 0%
CMY	0.1804, 0.8353, 1.0000
CMYK	0.00, 0.80, 1.00, 0.18
HSL	12°, 100%, 41%
HSV	12°, 100%, 82%
XYZ	27.1225, 15.2112, 1.5066
YIQ	87.1450, 113.0140, 22.3420

Conversions

Conversions Part 2

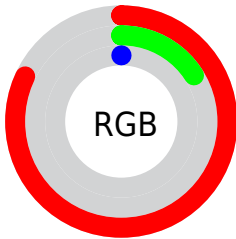
Format	Color
RYB	209, 53, 0
Decimal	13707776
CIELab	45.92, 62.27, 58.75
CIElCh	46, 85.612, 43.331
Yxy	15.2112, 0.6187, 0.3470
Android (android.graphics.Color)	4291897856 (0xFFD12A00)
YUV	87.1450, -42.9625, 106.8668
Hunter-Lab	39.0016, 55.8796, 25.0109

Details

The Hex color **D12A00** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **00A7D1**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF6738**, and **900000** is the 20% darker color. If you saturate the color by 10%, you get **D12A00**, and if you desaturate by 10%, it is **D13B15**.

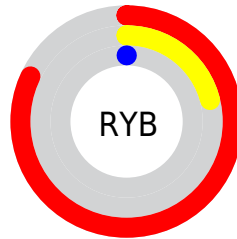
Distribution



Red (82%)

Green (16%)

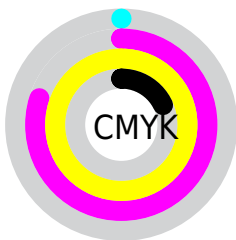
Blue (0%)



Red (82%)

Yellow (21%)

Blue (0%)

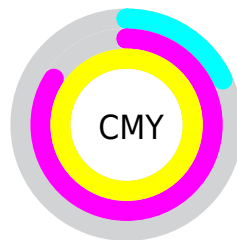


Cyan (0%)

Magenta (80%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (84%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D12A00 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 D12A00 by changing the saturation by 10% instead.

 D12A00

 D12A00

 FFFFF4

 B10000

 FF6738

 900000

 FF8451

 710000

 FFA06A

 520001

 FFBD85

 350002

 FFDA9F

 040000

 FFF8BB

 000000

 FFFFD7

 D12A00

 D13B15

 D14B2A

 D15C3F

 D16D54

 D17E69

 D18E7D

 D19F92

 D1B0A7

 D1C0BC

Harmonies

Analogous

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



E50051



D12A00



A55A00

Triad

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



D12A00



008740



006CFB

Complementary

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



D12A00



00A7D1

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.



0081F8



D12A00



00898C

Square

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



D12A00



008100



0088CF



9244D7

Rectangle

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



D12A00



7E6D00



0088CF



0075FF

Sweetspot

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



D12A00



FFC2B3



D100A7



805B52



000000



808080

Same Dimension

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



D12A00



FF3300



D19200



69605E



A82200



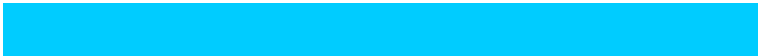
290800

Inverse Universe

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



00A7D1



00CCFF



003FD1



5E6669



0086A8



002129

Previews

White Background



This preview shows how the Hex color D12A00 looks on a white background.

Color Contrast Check

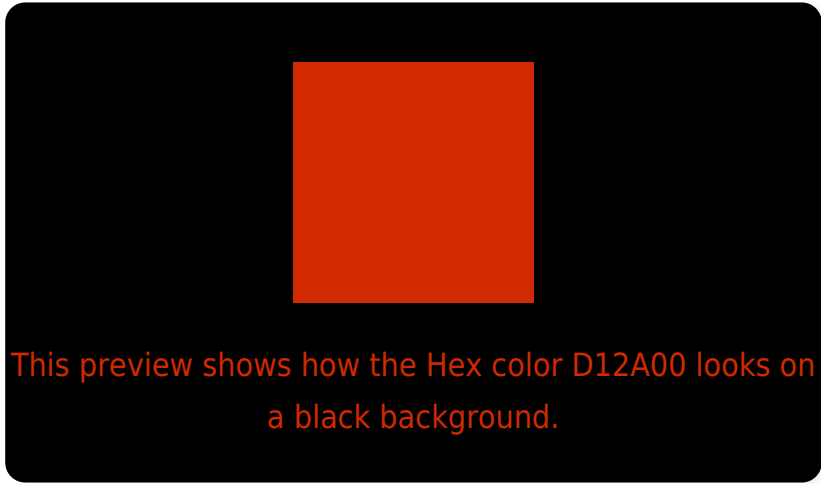
Large Text (above 18pt) WCAG AA ✓ Pass

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 D12A00 Background



This preview shows how black text looks on a background with the Hex color D12A00.



This preview shows how white text looks on a background with the Hex color D12A00.

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

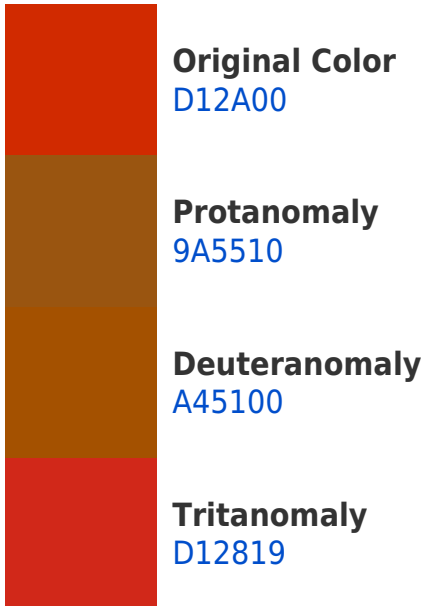


Original Color
D12A00

Protanopia
7B6E19

Deuteranopia
8A6800

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D12A00 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 #D12A00 looks like.

```
.text, #text, p{  
    color:#D12A00  
}
```

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 #D12A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D12A00
}
```

Border

The CSS property to change the border of an element to Hex D12A00 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
#D12A00 }
```

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

```
.border{ border-color:#D12A00 }
```

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

Here you see how a box with a 4 pixel #D12A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D12A00; -webkit-box-shadow:4px 4px  
4px 4px #D12A00; box-shadow:4px 4px 4px  
4px #D12A00 }
```

Background

The CSS property to change the background color of an element to Hex D12A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D12A00 }
```

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

```
.background{ background-color:#D12A00 }
```

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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