

Converting Colors

Hex(D87028)

Have a look what the booklet for
Hex(D87028) contains.

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Color

Hex(D87028)

Conversions

Conversions Part 1

Format	Color
Hex	D87028
RGB	216, 112, 40
RGB Percent	85%, 44%, 16%
CMY	0.1529, 0.5608, 0.8431
CMYK	0.00, 0.48, 0.81, 0.15
HSL	25°, 69%, 50%
HSV	25°, 81%, 85%
XYZ	34.4961, 26.3405, 5.2736
YIQ	134.8880, 85.0960, -0.3440

Conversions

Conversions Part 2

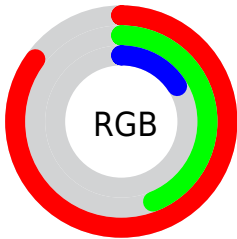
Format	Color
R _Y B	216, 162, 40
Decimal	14184488
CIE Lab	58.36, 36.14, 55.30
CIE LCh	58, 66.065, 56.834
Yxy	26.3405, 0.5218, 0.3984
Android (android.graphics.Color)	4292374568 (0xFFD87028)
YUV	134.8880, -46.7798, 71.1352
Hunter-Lab	51.3230, 30.1613, 29.8339

Details

The Hex color **D87028** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **2890D8**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FFA55B**, and **9A3E00** is the 20% darker color. If you saturate the color by 10%, you get **D86312**, and if you desaturate by 10%, it is **D87D3E**.

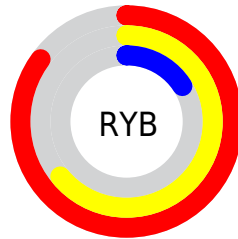
Distribution



Red (85%)

Green (44%)

Blue (16%)



Red (85%)

Yellow (64%)

Blue (16%)

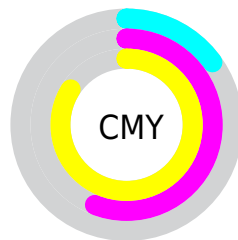


Cyan (0%)

Magenta (48%)

Yellow (81%)

Black (15%)



Cyan (15%)

Magenta (56%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color D87028 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 D87028 by changing the saturation by 10% instead.

 D87028

 D87028

FFFFFF

 B9570A

 FFA55B

 9A3E00

 FFC175

 7D2500

 FFDD90

 5F0900

 FFFAAB

 420000

 FFFFC7

 2A0001

 FFFF E3

 000000

 D87028

 D87028

 D86312

 D87D3E

 D85800

 D88A53

 D89669

 D8A37E

 D8B094

 D8BDAA

 D8C9BF

 D8D6D5

 D8E3EA

Harmonies

Analogous

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



F1585C



D87028



AD8800

Triad

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



D87028



00A684



7E80F4

Complementary

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



D87028



2890D8

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.



0095FF



D87028



00A7BF

Square

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



D87028



06A249



00A2ED



CC64CD

Rectangle

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



D87028



899400



00A2ED



5288FC

Sweetspot

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



D87028



FFDBC2



D82892



806A5B



000000



808080

Same Dimension

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



D87028



FF6B05



D8C628



6B6560



AB4600



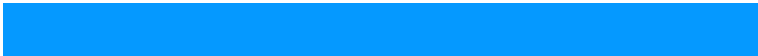
2B1200

Inverse Universe

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



2890D8



0599FF



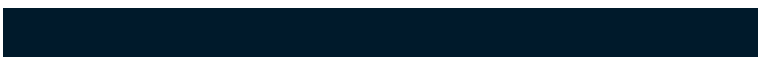
283AD8



60676B



0065AB



001A2B

Previews

White Background



This preview shows how the Hex color D87028 looks on a white 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

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D87028 Background



This preview shows how black text looks on a background with the Hex color D87028.



This preview shows how white text looks on a background with the Hex color D87028.

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
D87028

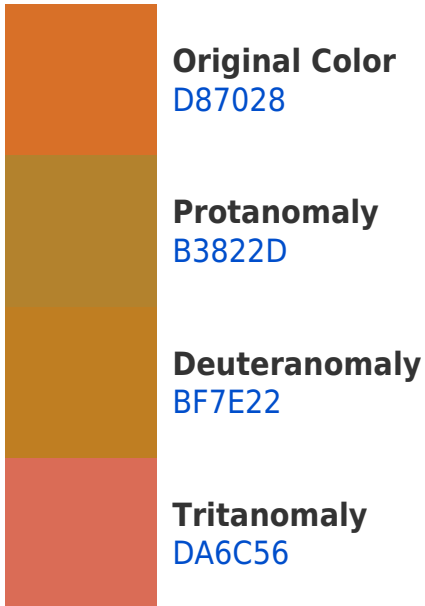
Protanopia
9E8D30

Deuteranopia
B1861F

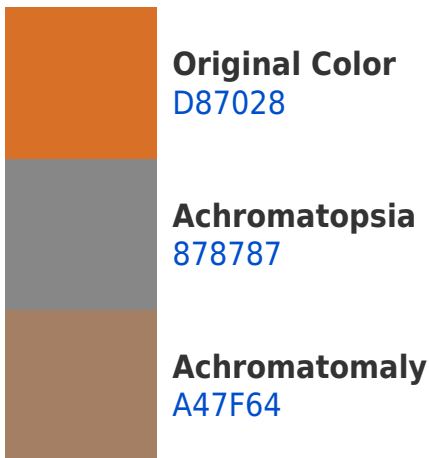


Tritanopia
DB6970

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D87028 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 #D87028 looks like.

```
.text, #text, p{  
    color:#D87028  
}
```

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 #D87028 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D87028
}
```

Border

The CSS property to change the border of an element to Hex D87028 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
#D87028 }
```

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

```
.border{ border-color:#D87028 }
```

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

Here you see how a box with a 4 pixel #D87028 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D87028; -webkit-box-shadow:4px 4px  
4px 4px #D87028; box-shadow:4px 4px 4px  
4px #D87028 }
```

Background

The CSS property to change the background color of an element to Hex D87028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D87028 }
```

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

```
.background{ background-color:#D87028 }
```

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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