

Converting Colors

Hex(D87020)

Have a look what the booklet for
Hex(D87020) contains.

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Color

Hex(D87020)

Conversions

Conversions Part 1

Format	Color
Hex	D87020
RGB	216, 112, 32
RGB Percent	85%, 44%, 13%
CMY	0.1529, 0.5608, 0.8745
CMYK	0.00, 0.48, 0.85, 0.15
HSL	26°, 74%, 49%
HSV	26°, 85%, 85%
XYZ	34.3738, 26.2916, 4.6296
YIQ	133.9760, 87.6640, -2.8320

Conversions

Conversions Part 2

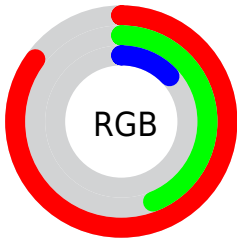
Format	Color
R _Y B	216, 174, 32
Decimal	14184480
CIE Lab	58.31, 35.92, 58.32
CIE LCh	58, 68.493, 58.372
Yxy	26.2916, 0.5264, 0.4027
Android (android.graphics.Color)	4292374560 (0xFFD87020)
YUV	133.9760, -50.2742, 71.9350
Hunter-Lab	51.2753, 29.9306, 30.5395

Details

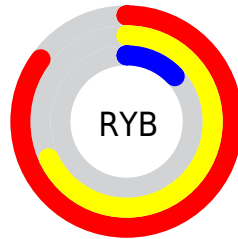
The Hex color **D87020** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **2088D8**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FFA555**, and **9A3E00** is the 20% darker color. If you saturate the color by 10%, you get **D8640A**, and if you desaturate by 10%, it is **D87C36**.

Distribution



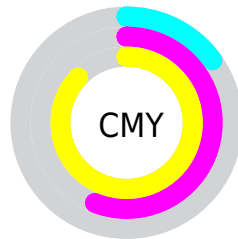
- Red (85%)
- Green (44%)
- Blue (13%)



- Red (85%)
- Yellow (68%)
- Blue (13%)



- Cyan (0%)
- Magenta (48%)
- Yellow (85%)
- Black (15%)



- Cyan (15%)
- Magenta (56%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color D87020 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 D87020 by changing the saturation by 10% instead.

 D87020

 D87020

FFFFFF

 B95700

 FFA555

 9A3E00

 FFC16F

 7C2500

 FFDD89

 5F0900

 FFFAA5

 420000

 FFFFC0

 2A0001

 FFFFDD

 000000

 FFFFFA

 D87020

 D87020

 D8640A

 D87C36

 D85E00

 D8884B

 D89561

 D8A176

 D8AD8C

 D8B9A2

 D8C5B7

 D8D2CD

 D8DEE2

Harmonies

Analogous

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



F35657



D87020



AB8800

Triad

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



D87020



00A787



827EF7

Complementary

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



D87020



2088D8

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



D87020



00A7C4

Square

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



D87020



00A349



00A2F2



D060CC

Rectangle

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



D87020



859400



00A2F2



5586FF

Sweetspot

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



D87020



FFDABD



D82088



806958



000000



808080

Same Dimension

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



D87020



FF6F00



D8CC20



6B6560



AB4A00



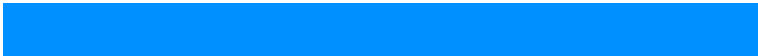
2B1300

Inverse Universe

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



2088D8



0090FF



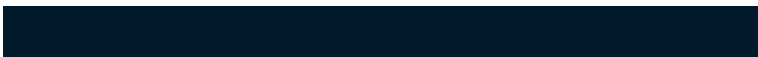
202CD8



60666B



0061AB



00192B

Previews

White Background



This preview shows how the Hex color D87020 looks on a white background.

Color Contrast Check

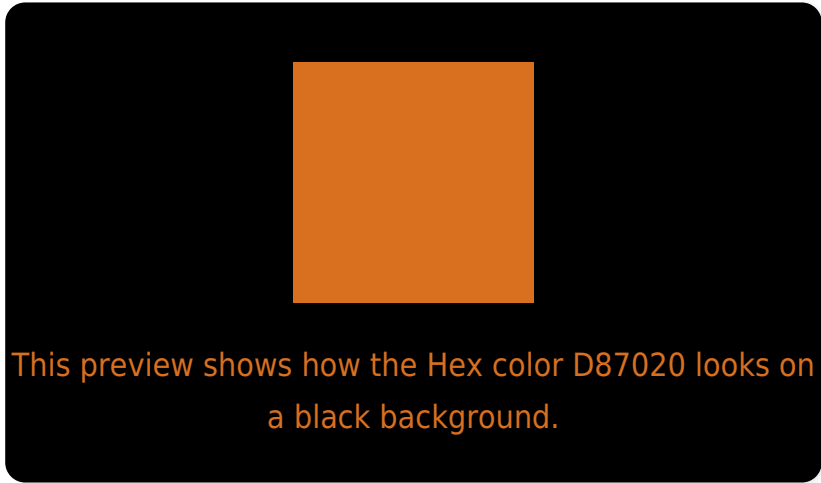
Large Text (above 18pt) WCAG AA ✓ Pass

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 D87020 Background



This preview shows how black text looks on a background with the Hex color D87020.



This preview shows how white text looks on a background with the Hex color D87020.

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
D87020

Protanopia
9E8D27

Deuteranopia
B28514



Tritanopia
DB6970

Trichromacy



Original Color
D87020

Protanomaly
B38224

Deuteranomaly
C07D18

Tritanomaly
DA6C53

Monochromacy



Original Color
D87020

Achromatopsia
868686

Achromatomaly
A47E61

CSS Examples

Text

The CSS property to change the color of the text to Hex D87020 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 #D87020 looks like.

```
.text, #text, p{  
    color:#D87020  
}
```

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 #D87020 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D87020
}
```

Border

The CSS property to change the border of an element to Hex D87020 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
#D87020 }
```

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

```
.border{ border-color:#D87020 }
```

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

Here you see how a box with a 4 pixel #D87020 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D87020; -webkit-box-shadow:4px 4px  
4px 4px #D87020; box-shadow:4px 4px 4px  
4px #D87020 }
```

Background

The CSS property to change the background color of an element to Hex D87020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D87020 }
```

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

```
.background{ background-color:#D87020 }
```

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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