

Converting Colors

Hex(D86420)

Have a look what the booklet for
Hex(D86420) contains.

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Color

Hex(D86420)

Conversions

Conversions Part 1

Format	Color
Hex	D86420
RGB	216, 100, 32
RGB Percent	85%, 39%, 13%
CMY	0.1529, 0.6078, 0.8745
CMYK	0.00, 0.54, 0.85, 0.15
HSL	22°, 74%, 49%
HSV	22°, 85%, 85%
XYZ	33.1368, 23.8176, 4.2172
YIQ	126.9320, 90.9640, 3.4440

Conversions

Conversions Part 2

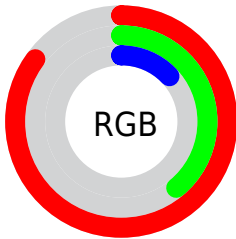
Format	Color
R _Y B	216, 140, 32
Decimal	14181408
CIE Lab	55.90, 41.97, 56.31
CIE LCh	56, 70.228, 53.297
Yxy	23.8176, 0.5417, 0.3894
Android (android.graphics.Color)	4292371488 (0xFFD86420)
YUV	126.9320, -46.8015, 78.1126
Hunter-Lab	48.8032, 35.7936, 29.0388

Details

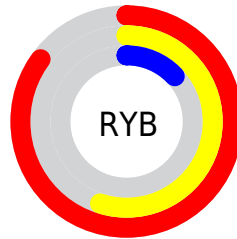
The Hex color **D86420** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **2094D8**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF9953**, and **9A3000** is the 20% darker color. If you saturate the color by 10%, you get **D8560A**, and if you desaturate by 10%, it is **D87236**.

Distribution



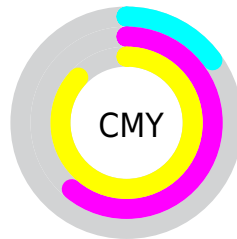
- Red (85%)
- Green (39%)
- Blue (13%)



- Red (85%)
- Yellow (55%)
- Blue (13%)



- Cyan (0%)
- Magenta (54%)
- Yellow (85%)
- Black (15%)



- Cyan (15%)
- Magenta (61%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color D86420 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 D86420 by changing the saturation by 10% instead.

 D86420

 D86420

FFFFFF

 B94A00

 FF9953

 9A3000

 FFB56D

 7B1400

 FFD188

 5D0000

 FFEEA3

 410000

 FFFFBE

 260001

 FFFFDB

 000000

 FFFFF8

 D86420

 D86420

 D8560A

 D87236

 D85000

 D87F4B

 D88D61

 D89A76

 D8A88C

 D8B6A2

 D8C3B7

 D8D1CD

 D8DFE2

Harmonies

Analogous

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



EF485A



D86420



AD7F00

Triad

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



D86420



00A076



647CF7

Complementary

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



D86420



2094D8

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.



0092FF



D86420



00A1B5

Square

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



D86420



009B37



009DE7



C15DD0

Rectangle

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



D86420



888C00



009DE7



1184FE

Sweetspot

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



D86420



FFD5BD



D82095



806758



000000



808080

Same Dimension

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



D86420



FF5E00



D8BF20



6B6460



AB3F00



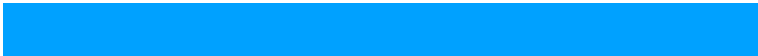
2B1000

Inverse Universe

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



2094D8



00A1FF



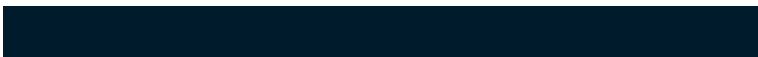
2039D8



60676B



006CAB



001B2B

Previews

White Background



This preview shows how the Hex color D86420 looks on a white background.

Color Contrast Check

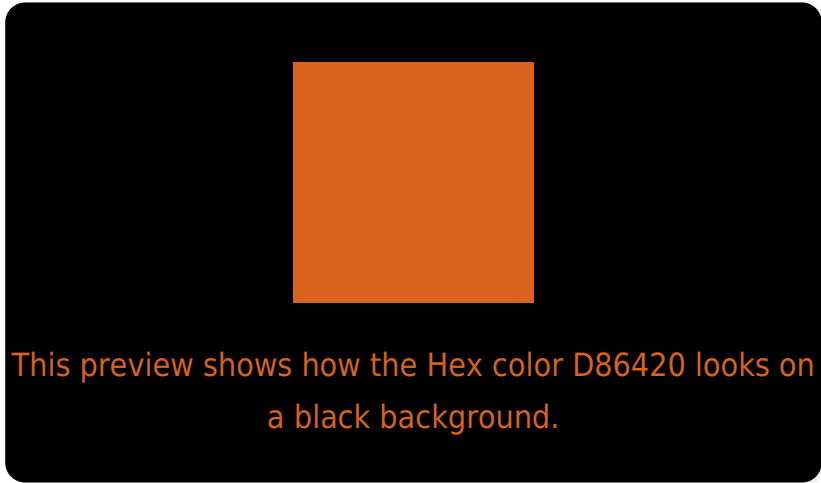
Large Text (above 18pt) WCAG AA ✓ Pass

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 D86420 Background



This preview shows how black text looks on a background with the Hex color D86420.



This preview shows how white text looks on a background with the Hex color D86420.

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
D86420

Protanopia
978729

Deuteranopia
AA8010



Tritanopia
DB5E64

Trichromacy



Original Color
D86420

Protanomaly
AF7A26

Deuteranomaly
BB7616

Tritanomaly
DA604B

Monochromacy



Original Color
D86420

Achromatopsia
7F7F7F

Achromatomaly
9F755C

CSS Examples

Text

The CSS property to change the color of the text to Hex D86420 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 #D86420 looks like.

```
.text, #text, p{  
    color:#D86420  
}
```

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 #D86420 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D86420
}
```

Border

The CSS property to change the border of an element to Hex D86420 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
#D86420 }
```

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

```
.border{ border-color:#D86420 }
```

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

Here you see how a box with a 4 pixel #D86420 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D86420; -webkit-box-shadow:4px 4px  
4px 4px #D86420; box-shadow:4px 4px 4px  
4px #D86420 }
```

Background

The CSS property to change the background color of an element to Hex D86420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D86420 }
```

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

```
.background{ background-color:#D86420 }
```

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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