

Converting Colors

Hex(D66900)

Have a look what the booklet for
Hex(D66900) contains.

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Color

Hex(D66900)

Conversions

Conversions Part 1

Format	Color
Hex	D66900
RGB	214, 105, 0
RGB Percent	84%, 41%, 0%
CMY	0.1608, 0.5882, 1.0000
CMYK	0.00, 0.51, 1.00, 0.16
HSL	29°, 100%, 42%
HSV	29°, 100%, 84%
XYZ	32.7831, 24.3993, 2.9817
YIQ	125.6210, 98.6690, -9.5470

Conversions

Conversions Part 2

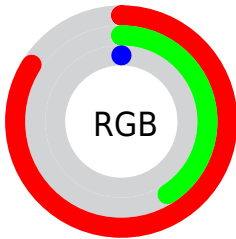
Format	Color
R_{YB}	214, 206, 0
Decimal	14051584
CIE _{Lab}	56.49, 38.21, 64.69
CIE _{LCh}	56, 75.135, 59.430
Yxy	24.3993, 0.5449, 0.4055
Android (android.graphics.Color)	4292241664 (0xFFD66900)
YUV	125.6210, -61.9312, 77.5084
Hunter-Lab	49.3956, 32.0254, 30.9980

Details

The Hex color **D66900** 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 **006DD6**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF9E42**, and **983600** is the 20% darker color. If you saturate the color by 10%, you get **D66900**, and if you desaturate by 10%, it is **D67415**.

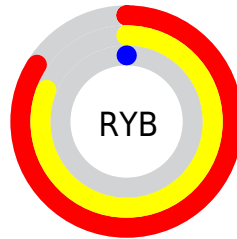
Distribution



Red (84%)

Green (41%)

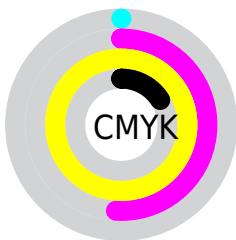
Blue (0%)



Red (84%)

Yellow (81%)

Blue (0%)

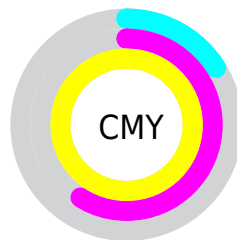


Cyan (0%)

Magenta (51%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (59%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D66900 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 D66900 by changing the saturation by 10% instead.

 D66900

 D66900

FFFFFF

 B75000

 FF9E42

 983600

 FFB95D

 791D00

 FFD577

 5B0000


 FFF292

 3F0000

 FFFF4E

 250001

 FFFFCA

 000000

 FFFF77

 D66900

 D67415

 D67F2B

 D68A40

 D69556

 D6A06B

 D6AA80

 D6B596

 D6C0AB

 D6CBC1

Harmonies

Analogous

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



F4484B



D66900



A48400

Triad

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



D66900



00A484



7E76FB

Complementary

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



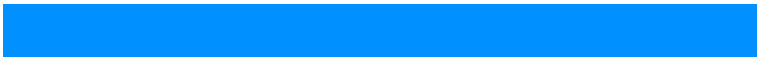
D66900



006DD6

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.



0090FF



D66900



00A4C6

Square

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



D66900



00A040



009EF8



D353CB

Rectangle

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



D66900



7B9100



009EF8



4680FF

Sweetspot

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



D66900



FFD8B3



D6006F



806852



000000



808080

Same Dimension

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



D66900



FF7D00



D6D200



6B6660



AB5400



2B1500

Inverse Universe

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



006DD6



0082FF



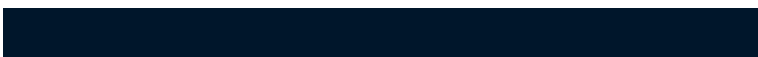
0004D6



60666B



0057AB



00162B

Previews

White Background



This preview shows how the Hex color D66900 looks on a white background.

Color Contrast Check

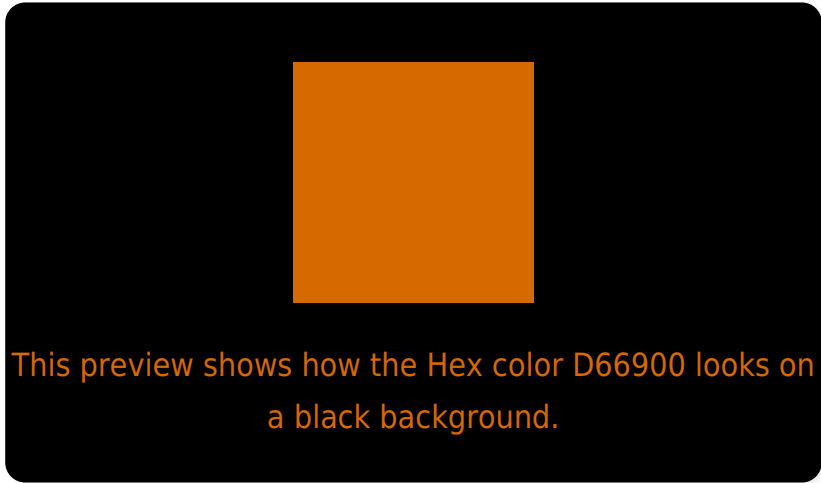
Large Text (above 18pt) WCAG AA ✓ Pass

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 D66900 Background



This preview shows how black text looks on a background with the Hex color D66900.



This preview shows how white text looks on a background with the Hex color D66900.

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
D66900

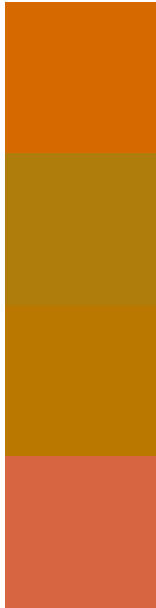
Protanopia
998813

Deuteranopia
AC8100



Tritanopia
D96268

Trichromacy



Original Color
D66900

Protanomaly
AF7D0C

Deuteranomaly
BB7800

Tritanomaly
D86542

Monochromacy



Original Color
D66900

Achromatopsia
7E7E7E

Achromatomaly
9E7650

CSS Examples

Text

The CSS property to change the color of the text to Hex D66900 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 #D66900 looks like.

```
.text, #text, p{  
    color:#D66900  
}
```

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 #D66900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D66900
}
```

Border

The CSS property to change the border of an element to Hex D66900 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
#D66900 }
```

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

```
.border{ border-color:#D66900 }
```

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

Here you see how a box with a 4 pixel #D66900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D66900; -webkit-box-shadow:4px 4px  
4px 4px #D66900; box-shadow:4px 4px 4px  
4px #D66900 }
```

Background

The CSS property to change the background color of an element to Hex D66900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D66900 }
```

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

```
.background{ background-color:#D66900 }
```

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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