

# Converting Colors

Hex(D98029)

Have a look what the booklet for  
Hex(D98029) contains.

<b>Hex(D98029)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(D98029)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D98029
RGB	217, 128, 41
RGB Percent	85%, 50%, 16%
CMY	0.1490, 0.4980, 0.8392
CMYK	0.00, 0.41, 0.81, 0.15
HSL	30°, 70%, 51%
HSV	30°, 81%, 85%
XYZ	36.7347, 30.3502, 6.0199
YIQ	144.6930, 80.9710, -8.1890

# Conversions

## Conversions Part 2

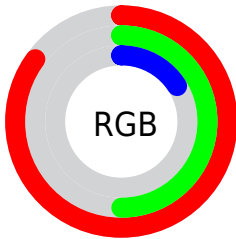
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	217, 213, 41
Decimal	14254121
CIE <sub>Lab</sub>	61.96, 28.19, 58.21
CIE <sub>LCh</sub>	62, 64.682, 64.158
Yxy	30.3502, 0.5025, 0.4152
Android (android.graphics.Color)	4292444201 (0xFFD98029)
YUV	144.6930, -51.1206, 63.4132
Hunter-Lab	55.0910, 22.6147, 32.0850

# Details

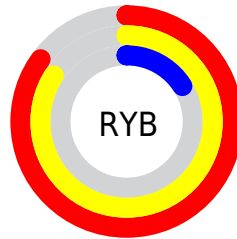
The Hex color **D98029** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **2982D9**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FFB55E**, and **9C4E00** is the 20% darker color. If you saturate the color by 10%, you get **D97513**, and if you desaturate by 10%, it is **D98B3F**.

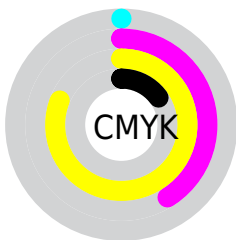
# Distribution



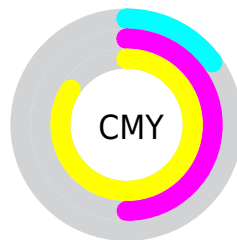
- Red (85%)
- Green (50%)
- Blue (16%)



- Red (85%)
- Yellow (84%)
- Blue (16%)



- Cyan (0%)
- Magenta (41%)
- Yellow (81%)
- Black (15%)



- Cyan (15%)
- Magenta (50%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D98029 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 D98029 by changing the saturation by 10% instead.



 D98029

 D98029

FFFFFF

 BA6708

 FFB55E

 9C4E00

 FFD178

 7F3600

 FFEE93

 611F00

 FFFFAE

 450700

 FFFFC A

 2C0000

 FFFF E7

 000000

 D98029

 D98029

 D97513

 D98B3F

 D96B00

 D99654

 D9A16A

 D9AC80

 D9B795

 D9C2AB

 D9CDC1

 D9D8D7

 D9E3EC

# Harmonies

## Analogous

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



F76859



D98029



AB9609

# Triad

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



D98029



00B19C



A183F5

# Complementary

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



D98029



2982D9

# 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.



009AFF



D98029



00AFD5

# Square

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



D98029



00AD61



00A9FD



E169C9

# Rectangle

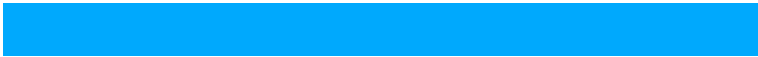
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D98029



85A01D



00A9FD



808BFF



# Sweetspot

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



D98029



FFE0C2



D92984



806D5B



000000



808080



# Same Dimension

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



D98029



FF8208



D9D629



6E6863



AD5600



2E1700



# Inverse Universe

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



2982D9



0885FF



292CD9



63686E



0058AD



00172E



# Previews

## White Background



This preview shows how the Hex color D98029 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex D98029 Background



This preview shows how black text looks on a background with the Hex color D98029.



This preview shows how white text looks on a background with the Hex color D98029.

# 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**  
D98029

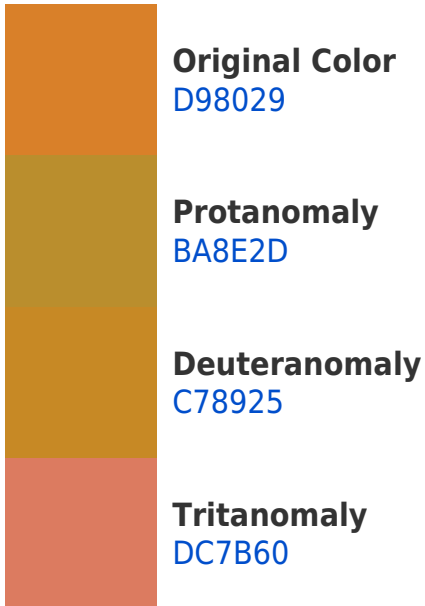
**Protanopia**  
A8962F

**Deuteranopia**  
BD8E23

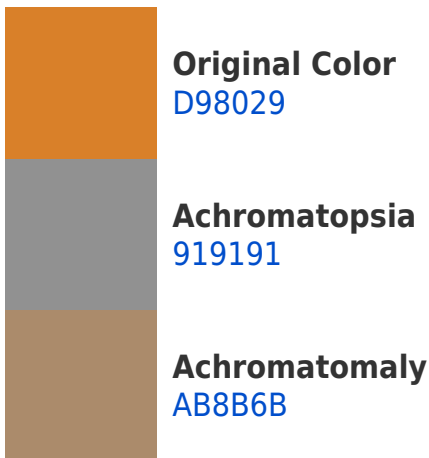


**Tritanopia**  
DD7880

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D98029 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 #D98029 looks like.

```
.text, #text, p{  
    color:#D98029  
}
```

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 #D98029 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D98029
}
```

## Border

The CSS property to change the border of an element to Hex D98029 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
#D98029 }
```

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

```
.border{ border-color:#D98029 }
```

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

Here you see how a box with a 4 pixel #D98029 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D98029; -webkit-box-shadow:4px 4px  
4px 4px #D98029; box-shadow:4px 4px 4px  
4px #D98029 }
```

# Background

The CSS property to change the background color of an element to Hex D98029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D98029 }
```

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

```
.background{ background-color:#D98029 }
```

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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