

# Converting Colors

Hex(D69C27)

Have a look what the booklet for  
Hex(D69C27) contains.

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# **Color**

**Hex(D69C27)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D69C27
RGB	214, 156, 39
RGB Percent	84%, 61%, 15%
CMY	0.1608, 0.3882, 0.8471
CMYK	0.00, 0.27, 0.82, 0.16
HSL	40°, 69%, 50%
HSV	40°, 82%, 84%
XYZ	39.9862, 38.2196, 7.1891
YIQ	160.0040, 72.1250, -24.0910

# Conversions

## Conversions Part 2

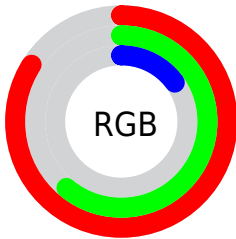
Format	Color
<a href="#">RYB</a>	<a href="#">126, 214, 39</a>
Decimal	<a href="#">14064679</a>
<a href="#">CIELab</a>	<a href="#">68.18, 11.80, 64.31</a>
<a href="#">CIELCh</a>	<a href="#">68, 65.380, 79.604</a>
<a href="#">Yxy</a>	<a href="#">38.2196, 0.4683, 0.4476</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4292254759 (0xFFD69C27)</a>
<a href="#">YUV</a>	<a href="#">160.0040, -59.6550, 47.3545</a>
<a href="#">Hunter-Lab</a>	<a href="#">61.8220, 7.2647, 36.3807</a>

# Details

The Hex color **D69C27** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **2761D6**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFD25F**, and **9A6900** is the 20% darker color. If you saturate the color by 10%, you get **D69512**, and if you desaturate by 10%, it is **D6A33C**.

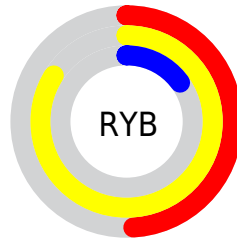
# Distribution



Red (84%)

Green (61%)

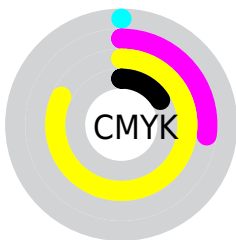
Blue (15%)



Red (49%)

Yellow (84%)

Blue (15%)

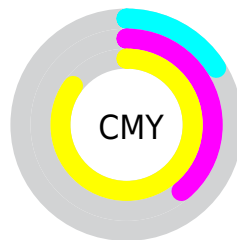


Cyan (0%)

Magenta (27%)

Yellow (82%)

Black (16%)



Cyan (16%)

Magenta (39%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D69C27 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 D69C27 by changing the saturation by 10% instead.



 D69C27

 D69C27

FFFFFF

 B88200

 FFD25F

 9A6900

 FFEF7A

 7D5100

 FFFF95

 613A00

 FFFFB1

 452500

 FFFFCE

 2B1100

 FFFFEB

 0A0000

 000000

 D69C27

 D69C27

 D69512

 D6A33C

 D68F00

 D6AA52

 D6B167

 D6B87D

 D6BF92

 D6C7A7

 D6CEBD

 D6D5D2

 D6DCE8

# Harmonies

## Analogous

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



FE844D



D69C27



A0AF2A

# Triad

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



D69C27



00C2CC



D986F3

# Complementary

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



D69C27



2761D6

# 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.



809FFF



D69C27



00BEFF

# Square

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



D69C27



00C18F



00B3FF



FF71BD

# Rectangle

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



D69C27



73B844



00B3FF



C28EFF



# Sweetspot

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



D69C27



FFEABF



D62761



807359



000000



808080



# Same Dimension

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



D69C27



FFAC05



B9D627



6B6860



AB7200



2B1D00



# Inverse Universe

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



2761D6



0558FF



4427D6



60646B



0039AB



000E2B



# Previews

## White Background



This preview shows how the Hex color D69C27 looks on a white background.

## Color Contrast Check

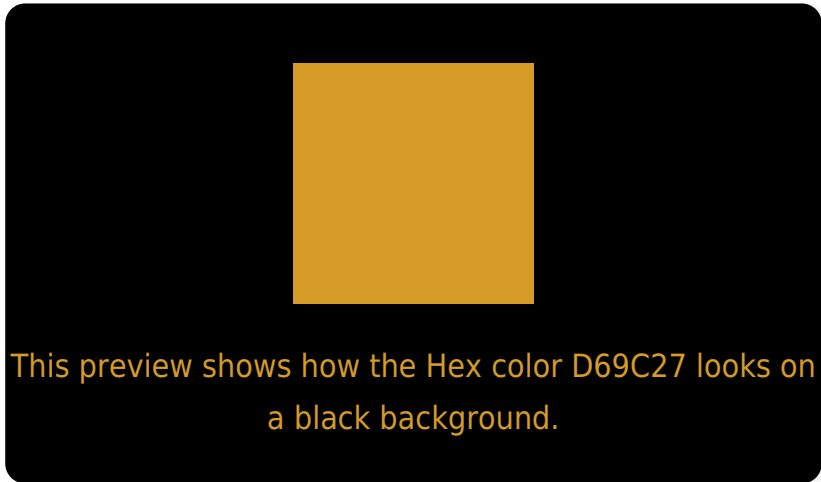
Large Text (above 18pt) WCAG AA × Fail

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 D69C27 Background



This preview shows how black text looks on a background with the Hex color D69C27.



This preview shows how white text looks on a background with the Hex color D69C27.

# Color Blindness Simulation

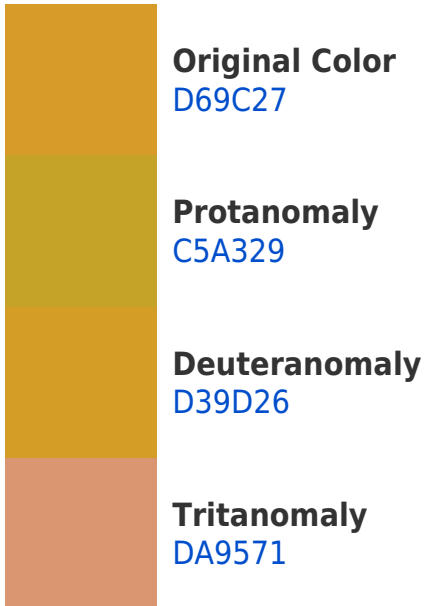
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

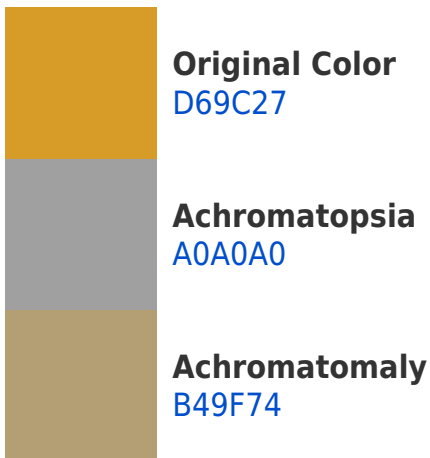




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D69C27 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 #D69C27 looks like.

```
.text, #text, p{  
    color:#D69C27  
}
```

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 #D69C27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D69C27
}
```

## Border

The CSS property to change the border of an element to Hex D69C27 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
#D69C27 }
```

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

```
.border{ border-color:#D69C27 }
```

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

Here you see how a box with a 4 pixel #D69C27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D69C27; -webkit-box-shadow:4px 4px  
4px 4px #D69C27; box-shadow:4px 4px 4px  
4px #D69C27 }
```

# Background

The CSS property to change the background color of an element to Hex D69C27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D69C27 }
```

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

```
.background{ background-color:#D69C27 }
```

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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