

Converting Colors

Hex(D29A45)

Have a look what the booklet for
Hex(D29A45) contains.

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Color

Hex(D29A45)

Conversions

Conversions Part 1

Format	Color
Hex	D29A45
RGB	210, 154, 69
RGB Percent	82%, 60%, 27%
CMY	0.1765, 0.3961, 0.7294
CMYK	0.00, 0.27, 0.67, 0.18
HSL	36°, 61%, 55%
HSV	36°, 67%, 82%
XYZ	39.2081, 37.2425, 10.7523
YIQ	161.0540, 60.6610, -14.5630

Conversions

Conversions Part 2

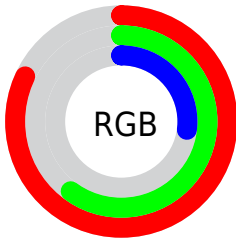
Format	Color
RYB	162, 210, 69
Decimal	13802053
CIELab	67.46, 12.47, 51.45
CIELCh	67, 52.940, 76.376
Yxy	37.2425, 0.4496, 0.4271
Android (android.graphics.Color)	4291992133 (0xFFD29A45)
YUV	161.0540, -45.3826, 42.9256
Hunter-Lab	61.0266, 7.8852, 32.2724

Details

The Hex color **D29A45** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **457DD2**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFD079**, and **97670E** is the 20% darker color. If you saturate the color by 10%, you get **D29230**, and if you desaturate by 10%, it is **D2A25A**.

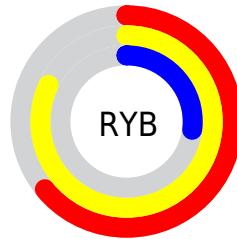
Distribution



Red (82%)

Green (60%)

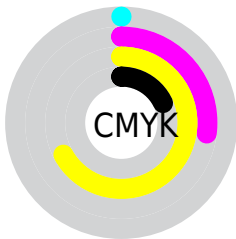
Blue (27%)



Red (64%)

Yellow (82%)

Blue (27%)

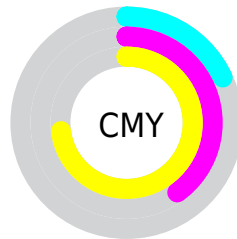


Cyan (0%)

Magenta (27%)

Yellow (67%)

Black (18%)



Cyan (18%)

Magenta (40%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color D29A45 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 D29A45 by changing the saturation by 10% instead.

 D29A45

 D29A45

FFFFFF

 B4802B

 FFD079

 97670E

 FFEC93

 7B4F00

 FFFFAF

 5F3800

 FFFF00

 442300

 FFFF00

 2A0F00

 040000

 000000

 D29A45

 D29A45

 D29230

 D2A25A

 D2891B

 D2AB6F

 D28106

 D2B384

 D27F00

 D2BB99

 D2C4AE

 D2CCC3

 D2D4D8

 D2DDED

 D2E5FF

Harmonies

Analogous

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



F18861



D29A45



A6AA44

Triad

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



D29A45



00BCBE



C98DE7

Complementary

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



D29A45



457DD2

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.



82A0FF



D29A45



00B9E8

Square

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



D29A45



00BB8C



00B0FF



F17EBC

Rectangle

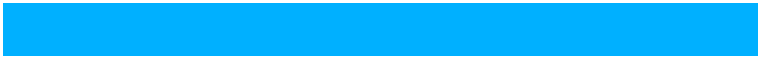
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D29A45



84B254



00B0FF



B594F1

Sweetspot

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



D29A45



FFEBCC



D2457D



807361



000000



808080

Same Dimension

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



D29A45



FFAD30



C4D245



69645E



A86500



291900

Inverse Universe

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



457DD2



3082FF



5345D2



5E6269



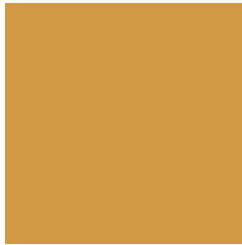
0043A8



001029

Previews

White Background



This preview shows how the Hex color D29A45 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 D29A45 Background



This preview shows how black text looks on a background with the Hex color D29A45.



This preview shows how white text looks on a background with the Hex color D29A45.

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
D29A45

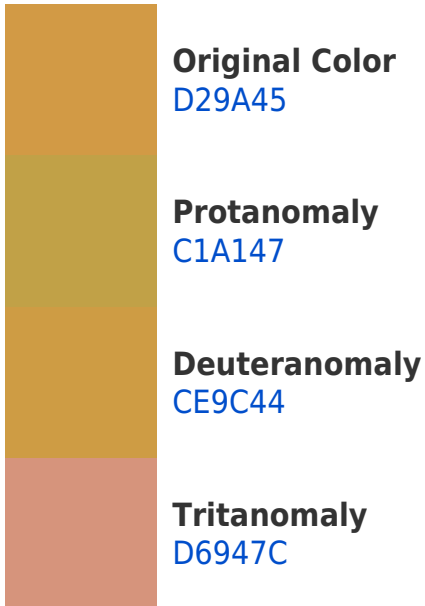
Protanopia
B7A548

Deuteranopia
CC9D44

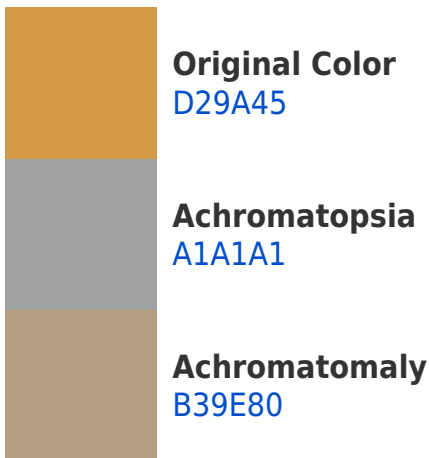


Tritanopia
D8919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D29A45 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 #D29A45 looks like.

```
.text, #text, p{  
    color:#D29A45  
}
```

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 #D29A45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D29A45
}
```

Border

The CSS property to change the border of an element to Hex D29A45 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
#D29A45 }
```

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

```
.border{ border-color:#D29A45 }
```

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

Here you see how a box with a 4 pixel #D29A45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D29A45; -webkit-box-shadow:4px 4px  
4px 4px #D29A45; box-shadow:4px 4px 4px  
4px #D29A45 }
```

Background

The CSS property to change the background color of an element to Hex D29A45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D29A45 }
```

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

```
.background{ background-color:#D29A45 }
```

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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