

Converting Colors

Hex(DB9E29)

Have a look what the booklet for
Hex(DB9E29) contains.

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Color

Hex(DB9E29)

Conversions

Conversions Part 1

Format	Color
Hex	DB9E29
RGB	219, 158, 41
RGB Percent	86%, 62%, 16%
CMY	0.1412, 0.3804, 0.8392
CMYK	0.00, 0.28, 0.81, 0.14
HSL	39°, 71%, 51%
HSV	39°, 81%, 86%
XYZ	41.8405, 39.6739, 7.5504
YIQ	162.9010, 73.9130, -23.4550

Conversions

Conversions Part 2

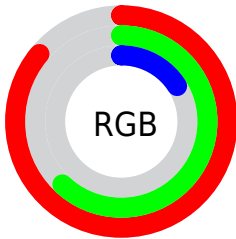
Format	Color
RYB	134, 219, 41
Decimal	14392873
CIELab	69.24, 12.96, 64.79
CIElCh	69, 66.075, 78.692
Yxy	39.6739, 0.4698, 0.4454
Android (android.graphics.Color)	4292582953 (0xFFDB9E29)
YUV	162.9010, -60.0972, 49.1988
Hunter-Lab	62.9872, 8.3446, 36.9838

Details

The Hex color **DB9E29** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **2966DB**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFD461**, and **9F6B00** is the 20% darker color. If you saturate the color by 10%, you get **DB9613**, and if you desaturate by 10%, it is **DBA63F**.

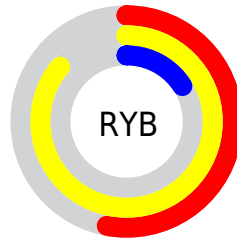
Distribution



Red (86%)

Green (62%)

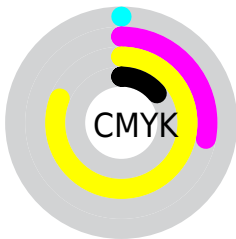
Blue (16%)



Red (53%)

Yellow (86%)

Blue (16%)

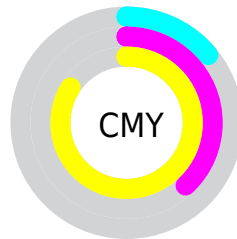


Cyan (0%)

Magenta (28%)

Yellow (81%)

Black (14%)



Cyan (14%)

Magenta (38%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB9E29 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 DB9E29 by changing the saturation by 10% instead.

 DB9E29

 DB9E29

FFFFFF

 BD8400

 FFD461

 9F6B00

 FFF17C

 825300

 FFFF97

 653C00

 FFFFB3

 492600

 FFFFD0

 2F1200

 FFFFED

 150000

 000000

 DB9E29

 DB9E29

 DB9613

 DBA63F

 DB9000

 DBAD55

 DBB56B

 DBBC81

 DBC497

 DBCBAC

 DBD3C2

 DBDAD8

 DBE2EE

Harmonies

Analogous

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



FF8650



DB9E29



A4B12A

Triad

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



DB9E29



00C6CE



DB89F9

Complementary

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



DB9E29



2966DB

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.



7FA3FF



DB9E29



00C2FF

Square

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



DB9E29



00C490



00B6FF



FF73C2

Rectangle

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



DB9E29



77BA44



00B6FF



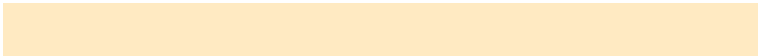
C292FF

Sweetspot

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



DB9E29



FFEAC2



DB2967



80735B



000000



808080

Same Dimension

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



DB9E29



FFA905



C0DB29



6E6A63



AD7200



2E1E00

Inverse Universe

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



2966DB



055BFF



4429DB



63666E



003BAD



00102E

Previews

White Background



This preview shows how the Hex color DB9E29 looks on a white background.

Color Contrast Check

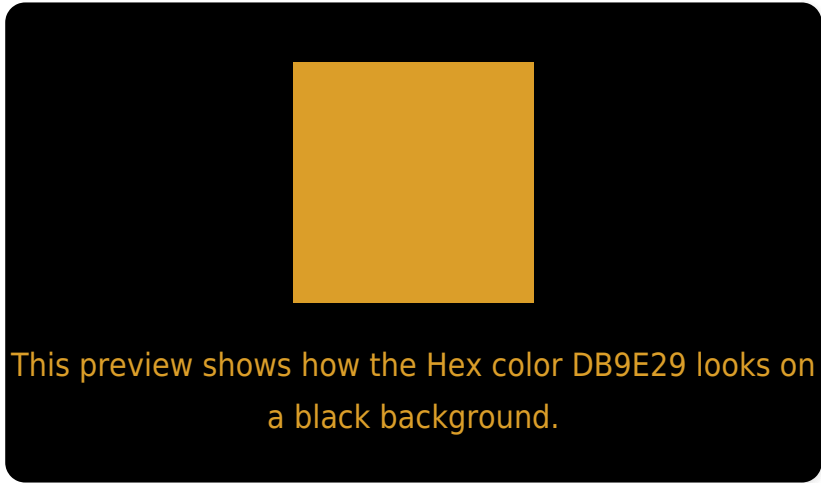
Large Text (above 18pt) WCAG AA × Fail

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 DB9E29 Background



This preview shows how black text looks on a background with the Hex color DB9E29.

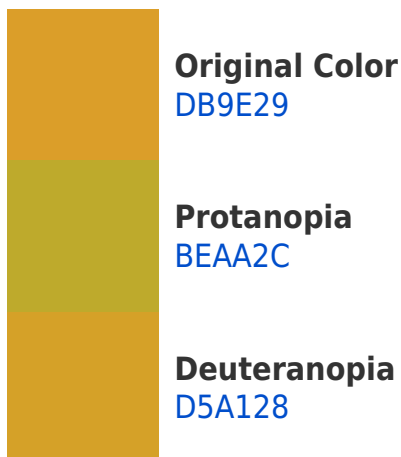


This preview shows how white text looks on a background with the Hex color DB9E29.

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](#).

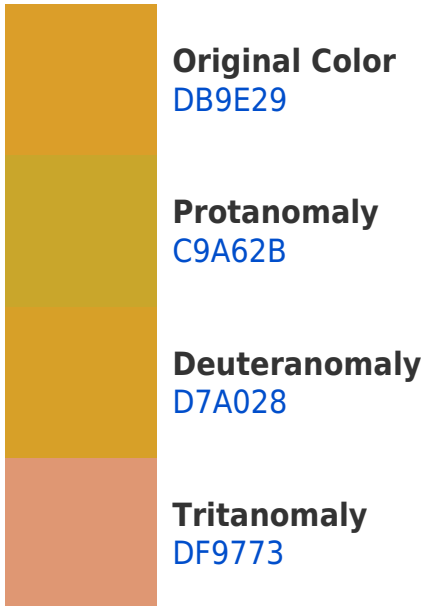
Dichromacy



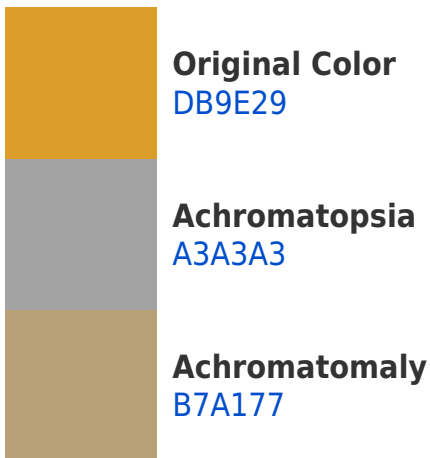


Tritanopia
E2939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB9E29 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 #DB9E29 looks like.

```
.text, #text, p{  
    color:#DB9E29  
}
```

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 #DB9E29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB9E29
}
```

Border

The CSS property to change the border of an element to Hex DB9E29 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
#DB9E29 }
```

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

```
.border{ border-color:#DB9E29 }
```

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

Here you see how a box with a 4 pixel #DB9E29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB9E29; -webkit-box-shadow:4px 4px  
4px 4px #DB9E29; box-shadow:4px 4px 4px  
4px #DB9E29 }
```

Background

The CSS property to change the background color of an element to Hex DB9E29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB9E29 }
```

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

```
.background{ background-color:#DB9E29 }
```

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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