

Converting Colors

Hex(D29766)

Have a look what the booklet for
Hex(D29766) contains.

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Color

Hex(D29766)

Conversions

Conversions Part 1

Format	Color
Hex	D29766
RGB	210, 151, 102
RGB Percent	82%, 59%, 40%
CMY	0.1765, 0.4078, 0.6000
CMYK	0.00, 0.28, 0.51, 0.18
HSL	27°, 55%, 61%
HSV	27°, 51%, 82%
XYZ	40.0432, 36.7942, 17.5618
YIQ	163.0550, 50.8930, -2.7310

Conversions

Conversions Part 2

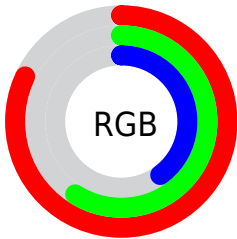
Format	Color
R_{YB}	210, 192, 102
Decimal	13801318
CIE _{Lab}	67.12, 16.54, 34.45
CIE _{LCh}	67, 38.213, 64.347
Yxy	36.7942, 0.4242, 0.3898
Android (android.graphics.Color)	4291991398 (0xFFD29766)
YUV	163.0550, -30.1001, 41.1708
Hunter-Lab	60.6582, 11.6841, 25.2950

Details

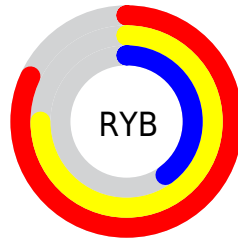
The Hex color **D29766** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **66A1D2**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFCD9A**, and **996436** is the 20% darker color. If you saturate the color by 10%, you get **D28C51**, and if you desaturate by 10%, it is **D2A27B**.

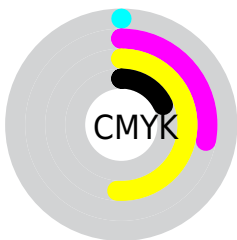
Distribution



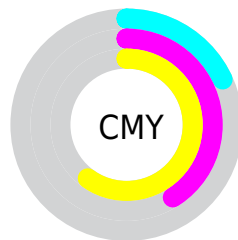
- Red (82%)
- Green (59%)
- Blue (40%)



- Red (82%)
- Yellow (75%)
- Blue (40%)



- Cyan (0%)
- Magenta (28%)
- Yellow (51%)
- Black (18%)



- Cyan (18%)
- Magenta (41%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color D29766 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 D29766 by changing the saturation by 10% instead.

 D29766

 D29766

FFFFFF

 B57D4D

 FFCD9A

 996436

 FFEAB5

 7D4C1F

 FFFFD1

 623507

 FFFFED

 471F00

 2D0B00

 0B0000

 000000

 D29766

 D29766

 D28C51

 D2A27B

 D2803C

 D2AE90

 D27527

 D2B9A5

 D26912

 D2C5BA

 D25F00

 D2D0CF

 D2DCE4

 D2E7F9

 D2F3FF

 D2FEFF

Harmonies

Analogous

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



E38C7E



D29766



B5A35E

Triad

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



D29766



31B6A7



AE99DC

Complementary

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



D29766



66A1D2

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.



79A5E8



D29766



00B4C9

Square

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



D29766



66B384



36AFE1



D38DC2

Rectangle

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



D29766



9DAA63



36AFE1



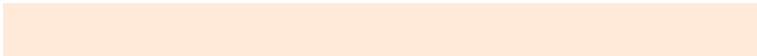
9E9DE2

Sweetspot

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



D29766



FFEAD9



D266A1



807369



000000



808080

Same Dimension

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



D29766



FFA961



D2CD66



69635E



A84C00



291300

Inverse Universe

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



66A1D2



61B7FF



666BD2



5E6469



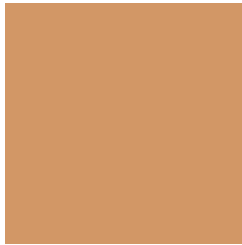
005CA8



001629

Previews

White Background



This preview shows how the Hex color D29766 looks on a white background.

Color Contrast Check

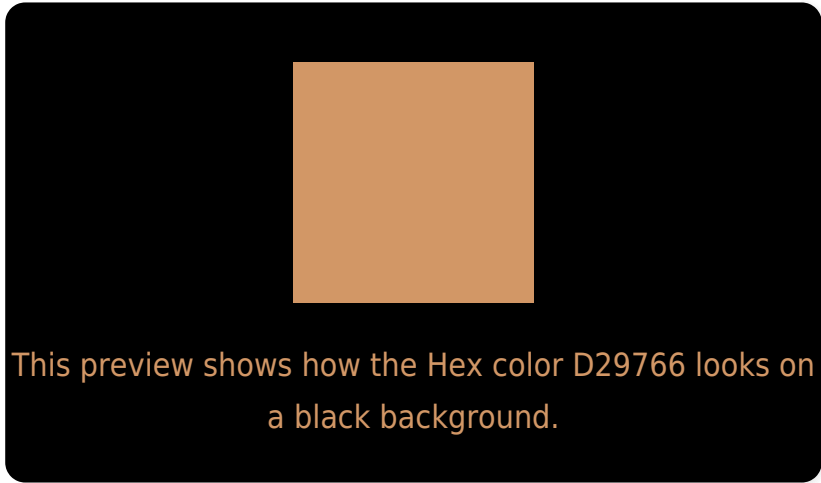
Large Text (above 18pt) WCAG AA × Fail

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

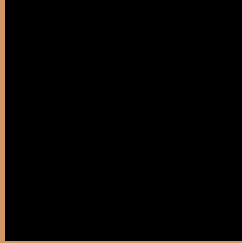
Any Text WCAG AA ✓ Pass

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 D29766 Background



This preview shows how black text looks on a background with the Hex color D29766.



This preview shows how white text looks on a background with the Hex color D29766.

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
D29766

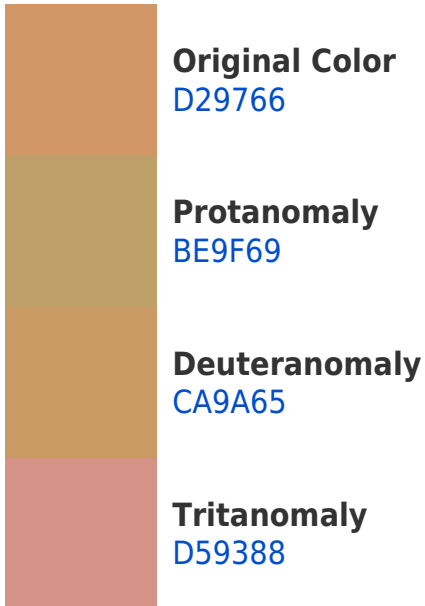
Protanopia
B2A46B

Deuteranopia
C69C65

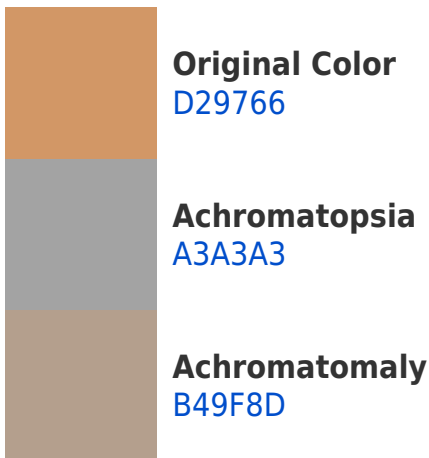


Tritanopia
D6909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D29766 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 #D29766 looks like.

```
.text, #text, p{  
    color:#D29766  
}
```

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 #D29766 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D29766
}
```

Border

The CSS property to change the border of an element to Hex D29766 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
#D29766 }
```

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

```
.border{ border-color:#D29766 }
```

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

Here you see how a box with a 4 pixel #D29766 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D29766; -webkit-box-shadow:4px 4px  
4px 4px #D29766; box-shadow:4px 4px 4px  
4px #D29766 }
```

Background

The CSS property to change the background color of an element to Hex D29766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D29766 }
```

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

```
.background{ background-color:#D29766 }
```

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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