

Converting Colors

Hex(D29140)

Have a look what the booklet for
Hex(D29140) contains.

Hex(D29140)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D29140)

Conversions

Conversions Part 1

Format	Color
Hex	D29140
RGB	210, 145, 64
RGB Percent	82%, 57%, 25%
CMY	0.1765, 0.4314, 0.7490
CMYK	0.00, 0.31, 0.70, 0.18
HSL	33°, 62%, 54%
HSV	33°, 70%, 82%
XYZ	37.6292, 34.3226, 9.4921
YIQ	155.2010, 64.7410, -11.4110

Conversions

Conversions Part 2

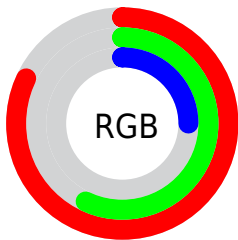
Format	Color
RYB	181, 210, 64
Decimal	13799744
CIELab	65.22, 17.06, 51.35
CIELCh	65, 54.110, 71.618
Yxy	34.3226, 0.4620, 0.4214
Android (android.graphics.Color)	4291989824 (0xFFD29140)
YUV	155.2010, -44.9621, 48.0587
Hunter-Lab	58.5855, 12.1250, 31.4036

Details

The Hex color **D29140** 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 **4081D2**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFC773**, and **975F08** is the 20% darker color. If you saturate the color by 10%, you get **D2882B**, and if you desaturate by 10%, it is **D29A55**.

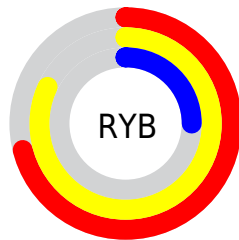
Distribution



Red (82%)

Green (57%)

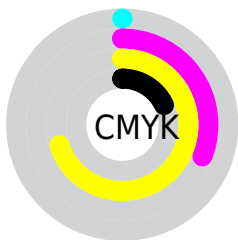
Blue (25%)



Red (71%)

Yellow (82%)

Blue (25%)

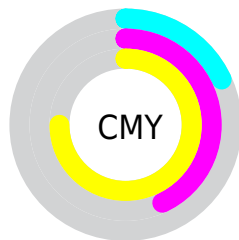


Cyan (0%)

Magenta (31%)

Yellow (70%)

Black (18%)



Cyan (18%)

Magenta (43%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color D29140 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 D29140 by changing the saturation by 10% instead.

 D29140

 D29140

FFFFFF

 B47726

 FFC773

 975F08

 FFE38E

 7A4700

 FFFFA9

 5E3000

 FFFFC5

 431B00

 FFFFEE

 290500

FFFFFFE

 000000

 D29140

 D29140

 D2882B

 D29A55

 D27E16

 D2A46A

 D27501

 D2AD7F

 D27500

 D2B694

 D2C0A9

 D2C9BE

 D2D2D3

 D2DCE8

 D2E5FD

Harmonies

Analogous

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



EF7F60



D29140



A8A239

Triad

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



D29140



00B6B0



BA8AE7

Complementary

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



D29140



4081D2

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.



6A9DFD



D29140



00B4DD

Square

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



D29140



0AB47E



00ACFA



E878BE

Rectangle

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



D29140



86AA47



00ACFA



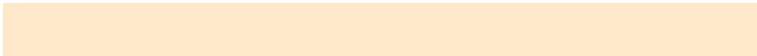
A490F1

Sweetspot

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



D29140



FFE7C9



D24082



807160



000000



808080

Same Dimension

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



D29140



FFA12B



CBD240



69645E



A85D00



291700

Inverse Universe

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



4081D2



2B8AFF



4740D2



5E6369



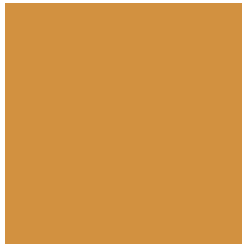
004BA8



001229

Previews

White Background



This preview shows how the Hex color D29140 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

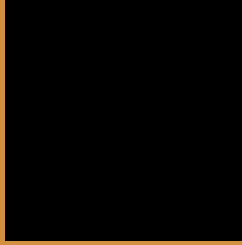
Any Text WCAG AA ✓ Pass

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 D29140 Background



This preview shows how black text looks on a background with the Hex color D29140.



This preview shows how white text looks on a background with the Hex color D29140.

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
D29140

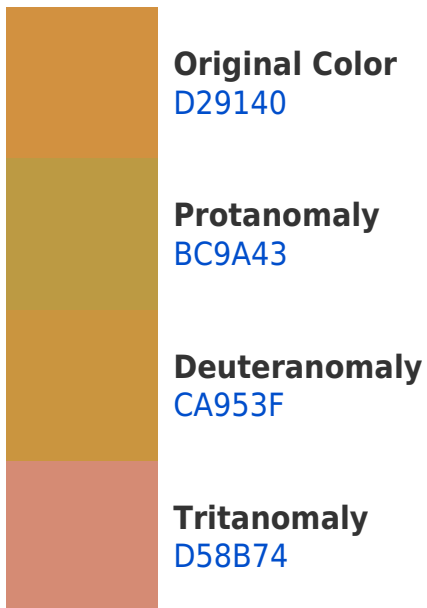
Protanopia
B09F44

Deuteranopia
C6973E

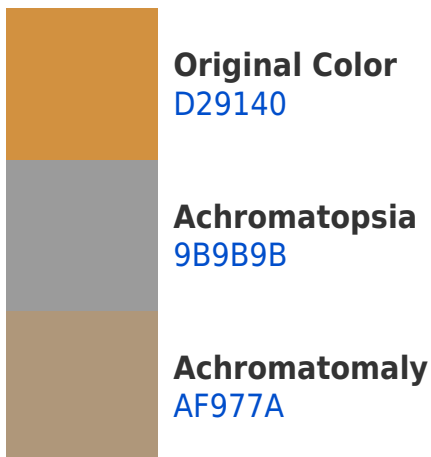


Tritanopia
D78892

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D29140 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 #D29140 looks like.

```
.text, #text, p{  
    color:#D29140  
}
```

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 #D29140 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D29140
}
```

Border

The CSS property to change the border of an element to Hex D29140 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
#D29140 }
```

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

```
.border{ border-color:#D29140 }
```

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

Here you see how a box with a 4 pixel #D29140 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D29140; -webkit-box-shadow:4px 4px  
4px 4px #D29140; box-shadow:4px 4px 4px  
4px #D29140 }
```

Background

The CSS property to change the background color of an element to Hex D29140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D29140 }
```

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

```
.background{ background-color:#D29140 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor