

Converting Colors

Hex(2D9172)

Have a look what the booklet for
Hex(2D9172) contains.

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Color

Hex(2D9172)

Conversions

Conversions Part 1

Format	Color
Hex	2D9172
RGB	45, 145, 114
RGB Percent	18%, 57%, 45%
CMY	0.8235, 0.4314, 0.5529
CMYK	0.69, 0.00, 0.21, 0.43
HSL	161°, 53%, 37%
HSV	161°, 69%, 57%
XYZ	14.2448, 22.0236, 19.4198
YIQ	111.5660, -49.6490, -30.8410

Conversions

Conversions Part 2

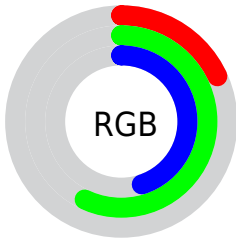
Format	Color
RYB	45, 104, 145
Decimal	2986354
CIELab	54.05, -36.36, 8.20
CIELCh	54, 37.273, 167.291
Yxy	22.0236, 0.2558, 0.3955
Android (android.graphics.Color)	4281176434 (0xFF2D9172)
YUV	111.5660, 1.2000, -58.3784
Hunter-Lab	46.9293, -27.9446, 8.3158

Details

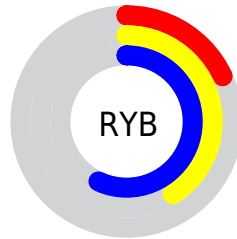
The Hex color **2D9172** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **912D4C**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **68C8A6**, and **005E42** is the 20% darker color. If you saturate the color by 10%, you get **1F916E**, and if you desaturate by 10%, it is **3C9176**.

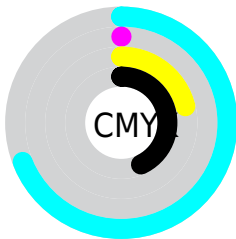
Distribution



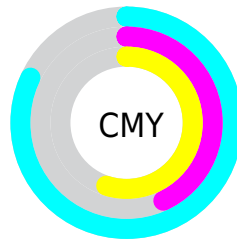
- Red (18%)
- Green (57%)
- Blue (45%)



- Red (18%)
- Yellow (41%)
- Blue (57%)



- Cyan (69%)
- Magenta (0%)
- Yellow (21%)
- Black (43%)



- Cyan (82%)
- Magenta (43%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D9172 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 2D9172 by changing the saturation by 10% instead.

 2D9172

 2D9172

FFFFFF

 007759

 68C8A6

 005E42

 84E4C1

 00452C

 A0FFDD

 002E17

 BDFFF9

 001700

 DAFFFF

 000000

 F7FFFF

 2D9172

 2D9172

 1F916E

 3C9176

■ 109169

■ 4A917B

■ 029165

■ 59917F

■ 009164

■ 679184

■ 769188

■ 84918D

■ 939191

■ A19196

■ B0919A

Harmonies

Analogous

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



5E8D54



2D9172



009293

Triad

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



2D9172



6F7EBF



B66F53

Complementary

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



2D9172



912D4C

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.



BF6870



2D9172



9C72AD

Square

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



2D9172



2A89BF



B66990



A17B42

Rectangle

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



2D9172



0091A7



B66990



BB6C5C

Sweetspot

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



2D9172



95BDB0



4D912D



475E57



DEDEDE



5E5E5E

Same Dimension

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



2D9172



20BD8C



2D7F91



404745



00875D



000805

Inverse Universe

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



912D4C



BD2051



913F2D



474042



87002A



080002

Previews

White Background



This preview shows how the Hex color 2D9172 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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

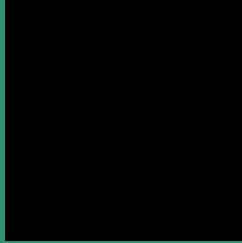
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2D9172 Background



This preview shows how black text looks on a background with the Hex color 2D9172.

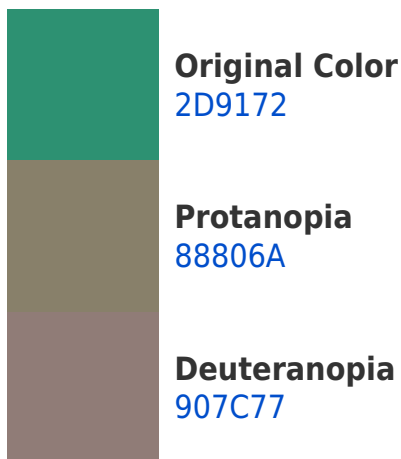


This preview shows how white text looks on a background with the Hex color 2D9172.

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
3D8C97

Trichromacy



Original Color
2D9172



Protanomaly
67866D



Deuteranomaly
6C8475



Tritanomaly
378E8A

Monochromacy



Original Color
2D9172



Achromatopsia
707070



Achromatomaly
587C71

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D9172 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 #2D9172 looks like.

```
.text, #text, p{  
    color:#2D9172  
}
```

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 #2D9172 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D9172
}
```

Border

The CSS property to change the border of an element to Hex 2D9172 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
#2D9172 }
```

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

```
.border{ border-color:#2D9172 }
```

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

Here you see how a box with a 4 pixel #2D9172 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D9172; -webkit-box-shadow:4px 4px  
4px 4px #2D9172; box-shadow:4px 4px 4px  
4px #2D9172 }
```

Background

The CSS property to change the background color of an element to Hex 2D9172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D9172 }
```

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

```
.background{ background-color:#2D9172 }
```

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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