

# Converting Colors

Hex(2D9150)

Have a look what the booklet for  
Hex(2D9150) contains.

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# Color

**Hex(2D9150)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2D9150
RGB	45, 145, 80
RGB Percent	18%, 57%, 31%
CMY	0.8235, 0.4314, 0.6863
CMYK	0.69, 0.00, 0.45, 0.43
HSL	141°, 53%, 37%
HSV	141°, 69%, 57%
XYZ	12.6556, 21.3879, 11.0507
YIQ	107.6900, -38.7350, -41.4150

# Conversions

## Conversions Part 2

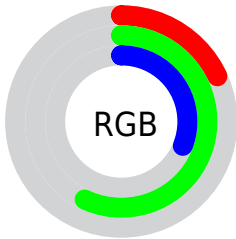
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	45, 119, 145
Decimal	2986320
CIE <sub>Lab</sub>	53.37, -43.70, 26.31
CIE <sub>LCh</sub>	53, 51.007, 148.942
Yxy	21.3879, 0.2806, 0.4743
Android (android.graphics.Color)	4281176400 (0xFF2D9150)
YUV	107.6900, -13.6512, -54.9791
Hunter-Lab	46.2470, -32.0856, 18.2056

# Details

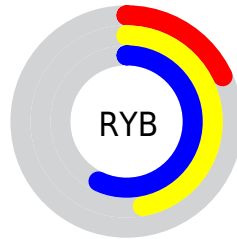
The Hex color **2D9150** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **912D6E**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **67C882**, and **005D21** is the 20% darker color. If you saturate the color by 10%, you get **1F9147**, and if you desaturate by 10%, it is **3C9159**.

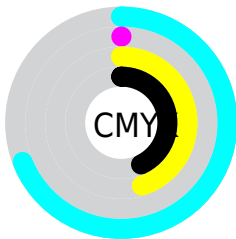
# Distribution



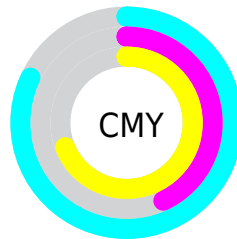
- Red (18%)
- Green (57%)
- Blue (31%)



- Red (18%)
- Yellow (47%)
- Blue (57%)



- Cyan (69%)
- Magenta (0%)
- Yellow (45%)
- Black (43%)



- Cyan (82%)
- Magenta (43%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2D9150 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 2D9150 by changing the saturation by 10% instead.



 2D9150

 2D9150

FFFFFF

 007738

 67C882

 005D21

 83E49C

 00450B

 A0FFB8

 002E00

 BCFFD3

 001400

 D9FFF0

 000000

 F7FFFF

 2D9150

 2D9150

 1F9147

 3C9159

■ 10913D

■ 4A9163

■ 029134

■ 59916C

■ 009133

■ 679176

■ 76917F

■ 849189

■ 939192

■ A1919B

■ B091A5

# Harmonies

## Analogous

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



6C892D



2D9150



00947C

# Triad

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



2D9150



0085D7



CD5C58

# Complementary

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



2D9150



912D6E

# 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.



CD5783



2D9150



7D75CD

# Square

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



2D9150



008FCA



B362AD



BA6C34

# Rectangle

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



2D9150



00959B



B362AD



D05966



# Sweetspot

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



2D9150



95BDA3



6E912D



475E4F



DEDEDE



5E5E5E



# Same Dimension

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



2D9150



20BD57



2D9182



404743



00872F



000803



# Inverse Universe

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



912D6E



BD2086



912D3C



474045



870058



080005



# Previews

## White Background



This preview shows how the Hex color 2D9150 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 2D9150 Background



This preview shows how black text looks on a background with the Hex color 2D9150.

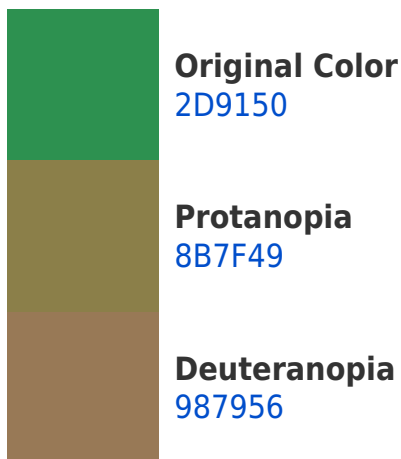


This preview shows how white text looks on a background with the Hex color 2D9150.

# 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](#).

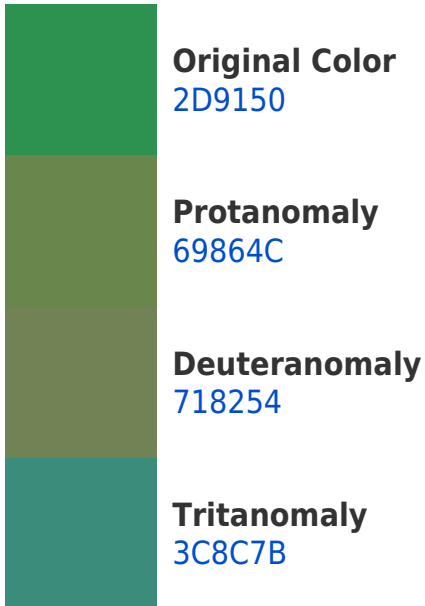
## Dichromacy



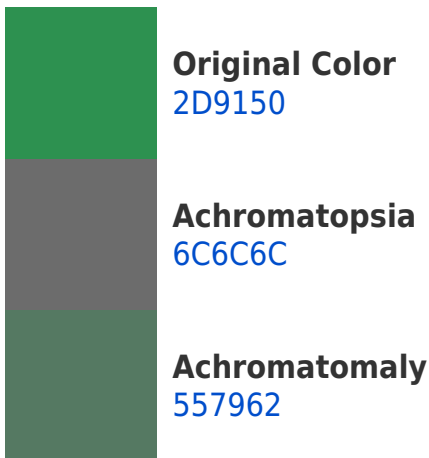


**Tritanopia**  
448994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2D9150 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 #2D9150 looks like.

```
.text, #text, p{  
    color:#2D9150  
}
```

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 #2D9150 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D9150
}
```

## Border

The CSS property to change the border of an element to Hex 2D9150 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
#2D9150 }
```

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

```
.border{ border-color:#2D9150 }
```

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

Here you see how a box with a 4 pixel #2D9150 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D9150; -webkit-box-shadow:4px 4px  
4px 4px #2D9150; box-shadow:4px 4px 4px  
4px #2D9150 }
```

# Background

The CSS property to change the background color of an element to Hex 2D9150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D9150 }
```

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

```
.background{ background-color:#2D9150 }
```

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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