

Converting Colors

Hex(2D9560)

Have a look what the booklet for
Hex(2D9560) contains.

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Color

Hex(2D9560)

Conversions

Conversions Part 1

Format	Color
Hex	2D9560
RGB	45, 149, 96
RGB Percent	18%, 58%, 38%
CMY	0.8235, 0.4157, 0.6235
CMYK	0.70, 0.00, 0.36, 0.42
HSL	149°, 54%, 38%
HSV	149°, 70%, 58%
XYZ	13.9410, 22.8973, 14.7512
YIQ	111.8620, -44.9710, -38.5310

Conversions

Conversions Part 2

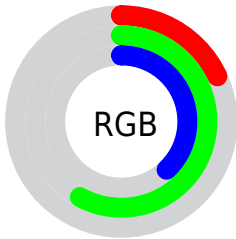
Format	Color
RYB	45, 115, 149
Decimal	2987360
CIELab	54.97, -42.20, 19.64
CIELCh	55, 46.548, 155.048
Yxy	22.8973, 0.2702, 0.4438
Android (android.graphics.Color)	4281177440 (0xFF2D9560)
YUV	111.8620, -7.8200, -58.6380
Hunter-Lab	47.8511, -31.7353, 15.2183

Details

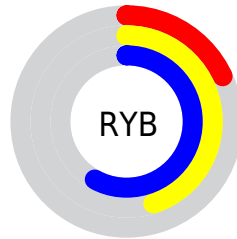
The Hex color **2D9560** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **952D62**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **68CC93**, and **006131** is the 20% darker color. If you saturate the color by 10%, you get **1E9558**, and if you desaturate by 10%, it is **3C9568**.

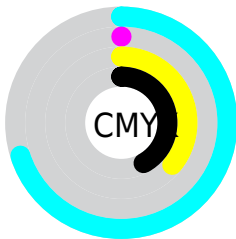
Distribution



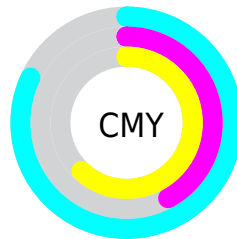
- Red (18%)
- Green (58%)
- Blue (38%)



- Red (18%)
- Yellow (45%)
- Blue (58%)



- Cyan (70%)
- Magenta (0%)
- Yellow (36%)
- Black (42%)



- Cyan (82%)
- Magenta (42%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D9560 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 2D9560 by changing the saturation by 10% instead.

 2D9560

 2D9560

FFFFFF

 007B48

 68CC93

 006131

 84E8AE

 00481B

 A1FFC9

 003103

 BDFFE5

 001A00

 DAFFFF

 000000

 F8FFFF

 2D9560

 2D9560

 1E9558

 3C9568

■ 0F9551

■ 4B956F

■ 009549

■ 5A9577

■ 69957E

■ 789586

■ 86958E

■ 959595

■ A4959D

■ B395A4

Harmonies

Analogous

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



6A8F3E



2D9560



009889

Triad

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



2D9560



4386D4



CA6757

Complementary

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



2D9560



952D62

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.



CD607E



2D9560



8F76C6

Square

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



2D9560



0091CC



BA67A6



B5753A

Rectangle

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



2D9560



0097A4



BA67A6



CD6364

Sweetspot

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



2D9560



99C2AD



63952D



496155



E0E0E0



616161

Same Dimension

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



2D9560



1FC26F



2D9593



434A46



008A44



000A05

Inverse Universe

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



952D62



C21F72



952D2F



4A4346



8A0046



0A0005

Previews

White Background



This preview shows how the Hex color 2D9560 looks on a white background.

Color Contrast Check

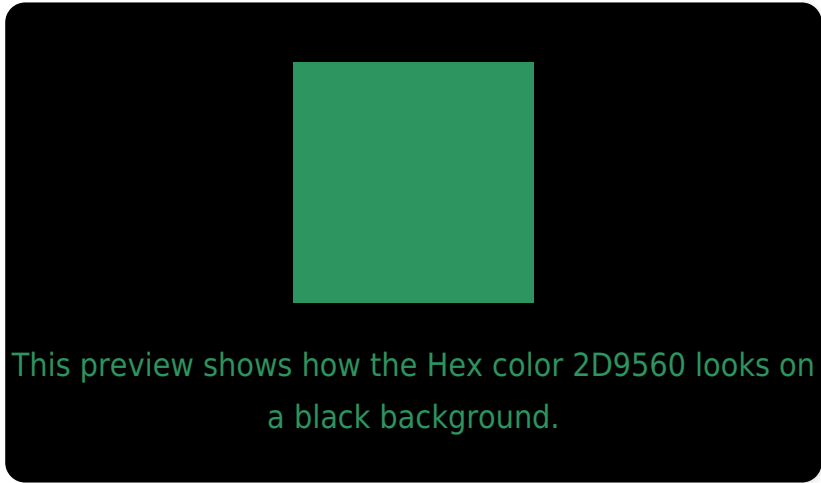
Large Text (above 18pt) WCAG AA ✓ Pass

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

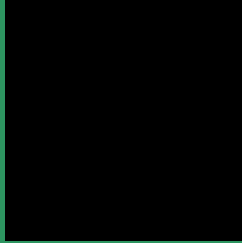
Any Text WCAG AA ✓ Pass

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 2D9560 Background



This preview shows how black text looks on a background with the Hex color 2D9560.



This preview shows how white text looks on a background with the Hex color 2D9560.

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
438E99

Trichromacy



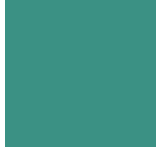
Original Color
2D9560



Protanomaly
6B8A5B



Deuteranomaly
728663



Tritanomaly
3B9184

Monochromacy



Original Color
2D9560



Achromatopsia
707070



Achromatomaly
587D6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D9560 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 #2D9560 looks like.

```
.text, #text, p{  
    color:#2D9560  
}
```

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 #2D9560 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D9560
}
```

Border

The CSS property to change the border of an element to Hex 2D9560 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
#2D9560 }
```

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

```
.border{ border-color:#2D9560 }
```

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

Here you see how a box with a 4 pixel #2D9560 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D9560; -webkit-box-shadow:4px 4px  
4px 4px #2D9560; box-shadow:4px 4px 4px  
4px #2D9560 }
```

Background

The CSS property to change the background color of an element to Hex 2D9560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D9560 }
```

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

```
.background{ background-color:#2D9560 }
```

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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