

Converting Colors

Hex(2D7911)

Have a look what the booklet for
Hex(2D7911) contains.

Hex(2D7911)	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(2D7911)

Conversions

Conversions Part 1

Format	Color
Hex	2D7911
RGB	45, 121, 17
RGB Percent	18%, 47%, 7%
CMY	0.8235, 0.5255, 0.9333
CMYK	0.63, 0.00, 0.86, 0.53
HSL	104°, 75%, 27%
HSV	104°, 86%, 47%
XYZ	8.0207, 14.2731, 2.8626
YIQ	86.4200, -11.9120, -48.4560

Conversions

Conversions Part 2

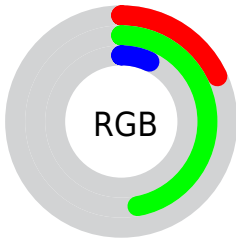
Format	Color
RYB	17, 121, 93
Decimal	2980113
CIELab	44.62, -41.99, 45.05
CIELCh	45, 61.586, 132.986
Yxy	14.2731, 0.3188, 0.5674
Android (android.graphics.Color)	4281170193 (0xFF2D7911)
YUV	86.4200, -34.2241, -36.3253
Hunter-Lab	37.7798, -28.2186, 21.9534

Details

The Hex color **2D7911** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5D1179**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **65AE47**, and **004700** is the 20% darker color. If you saturate the color by 10%, you get **247905**, and if you desaturate by 10%, it is **36791D**.

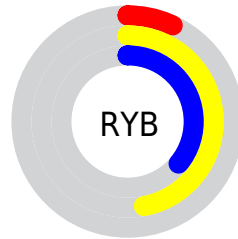
Distribution



Red (18%)

Green (47%)

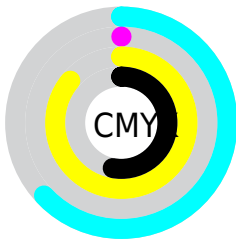
Blue (7%)



Red (7%)

Yellow (47%)

Blue (36%)

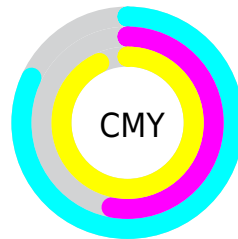


Cyan (63%)

Magenta (0%)

Yellow (86%)

Black (53%)



Cyan (82%)

Magenta (53%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D7911 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 2D7911 by changing the saturation by 10% instead.

 2D7911

 2D7911

FFFFFF

 066000

 65AE47

 004700

 81CA61

 003000

 9CE67B

 001900

 B9FF95

 000000

 D5FFB1

 F3FFCD

 FFFFEA

 2D7911

 2D7911

■ 247905

■ 36791D

■ 217900

■ 3F7929

■ 487935

■ 507941

■ 59794D

■ 62795A

■ 6B7966

■ 747972

■ 7D797E

Harmonies

Analogous

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



6B6E00



2D7911



007E49

Triad

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



2D7911



0078CC



C32E56

Complementary

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



2D7911



5D1179

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.



B53689



2D7911



0068CE

Square

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



2D7911



007FAF



8750B5



B74425

Rectangle

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



2D7911



00806D



8750B5



C22D67

Sweetspot

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



2D7911



809E75



795C11



3D4F37



CFCFCF



4F4F4F

Same Dimension

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



2D7911



2B9E00



117928



393D37



227D00



44FC00

Inverse Universe

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



5D1179



74009E



791162



3C373D



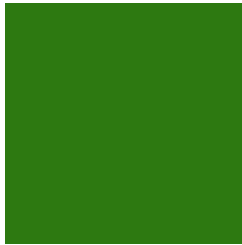
5B007D



B800FC

Previews

White Background



This preview shows how the Hex color 2D7911 looks on a white 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

Black 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

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

Hex 2D7911 Background



This preview shows how black text looks on a background with the Hex color 2D7911.



This preview shows how white text looks on a background with the Hex color 2D7911.

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
2D7911

Protanopia
76690C

Deuteranopia
84641E



Tritanopia
42717A

Trichromacy



Original Color
2D7911

Protanomaly
5B6F0E

Deuteranomaly
646C19

Tritanomaly
3A7454

Monochromacy



Original Color
2D7911

Achromatopsia
565656

Achromatomaly
47633D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D7911 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 #2D7911 looks like.

```
.text, #text, p{  
    color:#2D7911  
}
```

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 #2D7911 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D7911
}
```

Border

The CSS property to change the border of an element to Hex 2D7911 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
#2D7911 }
```

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

```
.border{ border-color:#2D7911 }
```

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

Here you see how a box with a 4 pixel #2D7911 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D7911; -webkit-box-shadow:4px 4px  
4px 4px #2D7911; box-shadow:4px 4px 4px  
4px #2D7911 }
```

Background

The CSS property to change the background color of an element to Hex 2D7911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D7911 }
```

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

```
.background{ background-color:#2D7911 }
```

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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