

Converting Colors

Hex(2D4911)

Have a look what the booklet for
Hex(2D4911) contains.

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Color

Hex(2D4911)

Conversions

Conversions Part 1

Format	Color
Hex	2D4911
RGB	45, 73, 17
RGB Percent	18%, 29%, 7%
CMY	0.8235, 0.7137, 0.9333
CMYK	0.38, 0.00, 0.77, 0.71
HSL	90°, 62%, 18%
HSV	90°, 77%, 29%
XYZ	3.5659, 5.3634, 1.3776
YIQ	58.2440, 1.2880, -23.3520

Conversions

Conversions Part 2

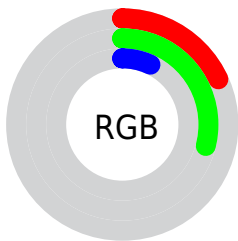
Format	Color
RYB	17, 73, 45
Decimal	2967825
CIELab	27.75, -21.18, 28.82
CIELCh	28, 35.764, 126.308
Yxy	5.3634, 0.3460, 0.5204
Android (android.graphics.Color)	4281157905 (0xFF2D4911)
YUV	58.2440, -20.3333, -11.6150
Hunter-Lab	23.1591, -13.0440, 12.6845

Details

The Hex color **2D4911** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2D1149**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **5D7A3F**, and **001E00** is the 20% darker color. If you saturate the color by 10%, you get **29490A**, and if you desaturate by 10%, it is **314918**.

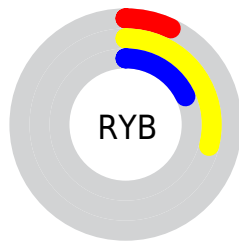
Distribution



Red (18%)

Green (29%)

Blue (7%)



Red (7%)

Yellow (29%)

Blue (18%)

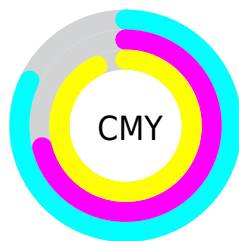


Cyan (38%)

Magenta (0%)

Yellow (77%)

Black (71%)



Cyan (82%)

Magenta (71%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D4911 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 2D4911 by changing the saturation by 10% instead.

 2D4911

 2D4911

 FFFFF8

 173200

 5D7A3F

 001E00

 779457

 000000

 91AE70

 ACCA8A

 C8E6A4

 E4FFC0

 FFFFDC

 2D4911

 2D4911

■ 29490A

■ 314918

■ 264902

■ 344920

■ 254900

■ 384927

■ 3C492E

■ 3F4935

■ 43493D

■ 474944

■ 4A494B

■ 4E4953

Harmonies

Analogous

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



4A4203



2D4911



004D2A

Triad

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



2D4911



004A74



73263D

Complementary

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



2D4911



2D1149

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.



672C58



2D4911



024378

Square

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



2D4911



004E61



4A386E



6F2D22

Rectangle

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



2D4911



004E3D



4A386E



702746

Sweetspot

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



2D4911



535E49



492D11



2A3023



B0B0B0



303030

Same Dimension

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



2D4911



335E08



114911



222420



326300



71E300

Inverse Universe

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



2D1149



33085E



491149



222024



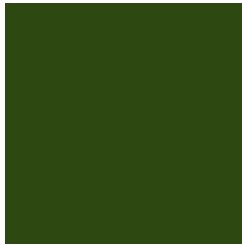
320063



7100E3

Previews

White Background



This preview shows how the Hex color 2D4911 looks on a white background.

Color Contrast Check

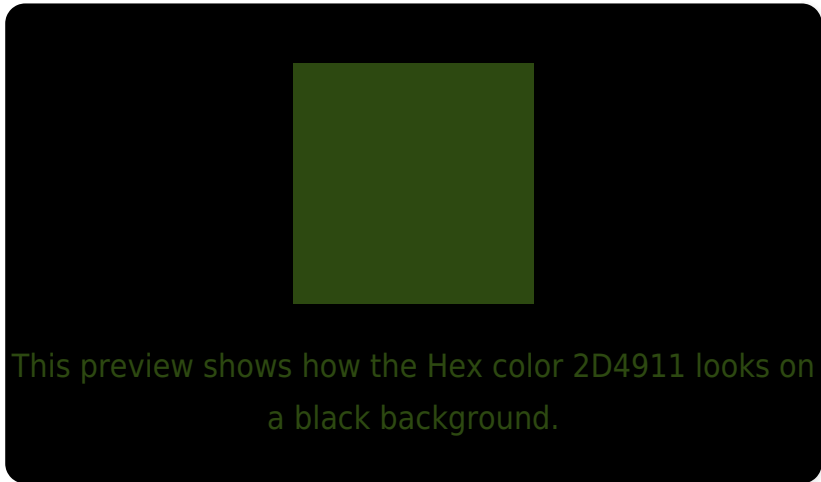
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

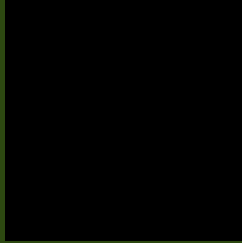
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 2D4911 Background



This preview shows how black text looks on a background with the Hex color 2D4911.



This preview shows how white text looks on a background with the Hex color 2D4911.

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
2D4911

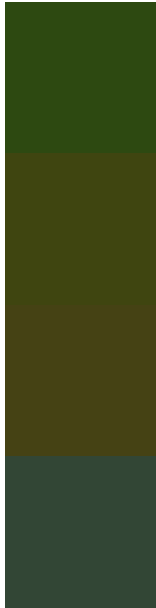
Protanopia
4A420F

Deuteranopia
523E16



Tritanopia
354449

Trichromacy



Original Color
2D4911

Protanomaly
3F4510

Deuteranomaly
454214

Tritanomaly
324635

Monochromacy



Original Color
2D4911

Achromatopsia
3A3A3A

Achromatomaly
353F2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D4911 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 #2D4911 looks like.

```
.text, #text, p{  
    color:#2D4911  
}
```

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 #2D4911 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D4911
}
```

Border

The CSS property to change the border of an element to Hex 2D4911 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
#2D4911 }
```

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

```
.border{ border-color:#2D4911 }
```

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

Here you see how a box with a 4 pixel #2D4911 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D4911; -webkit-box-shadow:4px 4px  
4px 4px #2D4911; box-shadow:4px 4px 4px  
4px #2D4911 }
```

Background

The CSS property to change the background color of an element to Hex 2D4911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D4911 }
```

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

```
.background{ background-color:#2D4911 }
```

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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