

Converting Colors

Hex(2D8004)

Have a look what the booklet for
Hex(2D8004) contains.

Hex(2D8004)	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(2D8004)

Conversions

Conversions Part 1

Format	Color
Hex	2D8004
RGB	45, 128, 4
RGB Percent	18%, 50%, 2%
CMY	0.8235, 0.4980, 0.9843
CMYK	0.65, 0.00, 0.97, 0.50
HSL	100°, 94%, 26%
HSV	100°, 97%, 50%
XYZ	8.8233, 16.0050, 2.7391
YIQ	89.0470, -9.6640, -56.1600

Conversions

Conversions Part 2

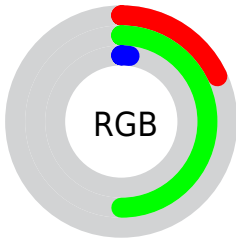
Format	Color
RYB	4, 128, 87
Decimal	2981892
CIELab	46.98, -45.07, 49.99
CIELCh	47, 67.308, 132.043
Yxy	16.0050, 0.3201, 0.5806
Android (android.graphics.Color)	4281171972 (0xFF2D8004)
YUV	89.0470, -41.9282, -38.6292
Hunter-Lab	40.0062, -30.6432, 23.9450

Details

The Hex color **2D8004** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **570480**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **67B642**, and **004D00** is the 20% darker color. If you saturate the color by 10%, you get **2A8000**, and if you desaturate by 10%, it is **368011**.

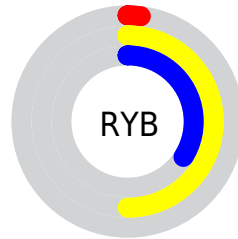
Distribution



Red (18%)

Green (50%)

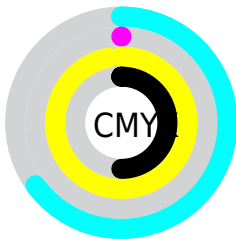
Blue (2%)



Red (2%)

Yellow (50%)

Blue (34%)

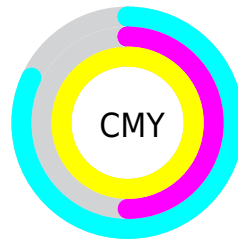


Cyan (65%)

Magenta (0%)

Yellow (97%)

Black (50%)



Cyan (82%)

Magenta (50%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D8004 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 2D8004 by changing the saturation by 10% instead.



2D8004



2D8004

FFFFFF



026600



67B642



004D00



83D25C



003600



9FEE76



002000



BCFF91



000000



D9FFAD



F6FFC9



FFFFE6



2D8004



2D8004

■ 2A8000

■ 368011

■ 3E801E

■ 47802A

■ 4F8037

■ 588044

■ 608051

■ 69805E

■ 72806A

■ 7A8077

Harmonies

Analogous

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



727400



2D8004



00864A

Triad

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



2D8004



007FDC



D2295B

Complementary

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



2D8004



570480

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.



C23494



2D8004



006FDF

Square

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



2D8004



0087BA



8D54C4



C44325

Rectangle

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



2D8004



008872



8D54C4



D0276E

Sweetspot

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



2D8004



86A676



805704



405437



D4D4D4



545454

Same Dimension

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



2D8004



37A600



048019



3B4039



2A8000



000000

Inverse Universe

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



570480



6F00A6



80046B



3E3940



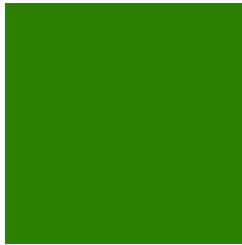
550080



000000

Previews

White Background



This preview shows how the Hex color 2D8004 looks on a white background.

Color Contrast Check

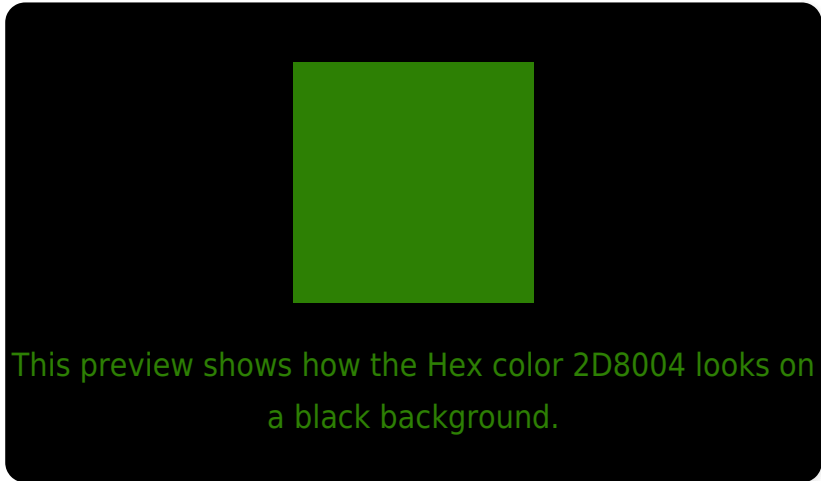
Large Text (above 18pt) WCAG AA ✓ Pass

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

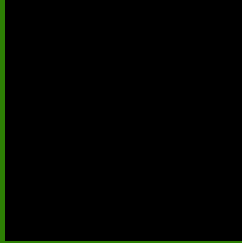
Any Text WCAG AA × Fail

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 2D8004 Background



This preview shows how black text looks on a background with the Hex color 2D8004.



This preview shows how white text looks on a background with the Hex color 2D8004.

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
2D8004

Protanopia
7D6F00

Deuteranopia
8B691B



Tritanopia
447781

Trichromacy



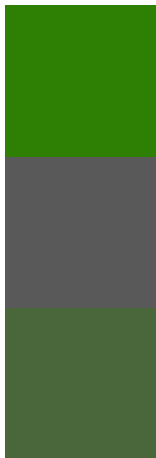
Original Color
2D8004

Protanomaly
607501

Deuteranomaly
697113

Tritanomaly
3C7A54

Monochromacy



Original Color
2D8004

Achromatopsia
595959

Achromatomaly
49673A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D8004 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 #2D8004 looks like.

```
.text, #text, p{  
    color:#2D8004  
}
```

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 #2D8004 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D8004
}
```

Border

The CSS property to change the border of an element to Hex 2D8004 is called "border". The border property can be set on classes, ids or directly on the HTML element.

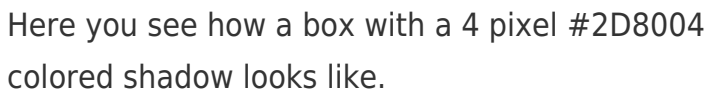
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D8004 }
```

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

```
.border{ border-color:#2D8004 }
```

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



Here you see how a box with a 4 pixel #2D8004 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D8004; -webkit-box-shadow:4px 4px  
4px 4px #2D8004; box-shadow:4px 4px 4px  
4px #2D8004 }
```

Background

The CSS property to change the background color of an element to Hex 2D8004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D8004 }
```

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

```
.background{ background-color:#2D8004 }
```

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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