

Converting Colors

Decimal(29979)

Have a look what the booklet for
Decimal(29979) contains.

Decimal(29979)	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

Decimal(29979)

Conversions

Conversions Part 1

Format	Color
Hex	00751B
RGB	0, 117, 27
RGB Percent	0%, 46%, 11%
CMY	1.0000, 0.5412, 0.8941
CMYK	1.00, 0.00, 0.77, 0.54
HSL	134°, 100%, 23%
HSV	134°, 100%, 46%
XYZ	6.5591, 12.8017, 3.1622
YIQ	71.7570, -40.8420, -52.7940

Conversions

Conversions Part 2

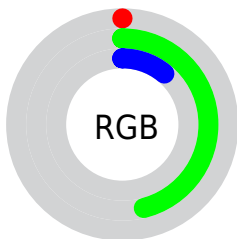
Format	Color
RYB	0, 95, 117
Decimal	29979
CIELab	42.46, -46.91, 39.32
CIELCh	42, 61.209, 140.027
Yxy	12.8017, 0.2912, 0.5684
Android (android.graphics.Color)	4278220059 (0xFF00751B)
YUV	71.7570, -22.0652, -62.9309
Hunter-Lab	35.7795, -29.8913, 19.8056

Details

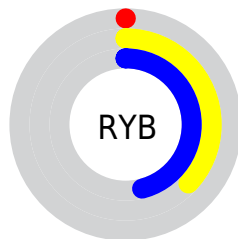
The Decimal color **29979** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7667802**, and the grayscale version is **4737096**.

A 20% lighter version of the original color is **5089869**, and **17152** is the 20% darker color. If you saturate the color by 10%, you get **29979**, and if you desaturate by 10%, it is **816420**.

Distribution



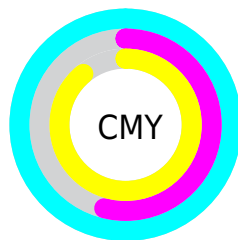
- Red (0%)
- Green (46%)
- Blue (11%)



- Red (0%)
- Yellow (37%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (77%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 29979 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 Decimal color 29979 by changing the saturation by 10% instead.



■ 816420

■ 1537325

■ 2323766

■ 3110207

■ 3896648

■ 4617553

■ 5403994

■ 6190435

■ 6911340

Harmonies

Analogous

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



5925888



29979



31057

Triad

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



29979



28617



12266309

Complementary

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



29979



7667802

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.



11872887



29979



3497668

Square

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



29979



30897



9389478



11158804

Rectangle

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



29979



31348



9389478



12330838

Sweetspot

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



29979



7051638



6059264



3231031



13421772



5066061

Same Dimension

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



29979



39203



30036



3488566



31260



64058

Inverse Universe

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



7667802



10027126



7667745



3880249



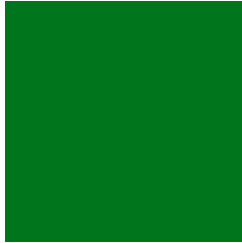
7995486



16384192

Previews

White Background



This preview shows how the Decimal color 29979 looks on a white background.

Color Contrast Check

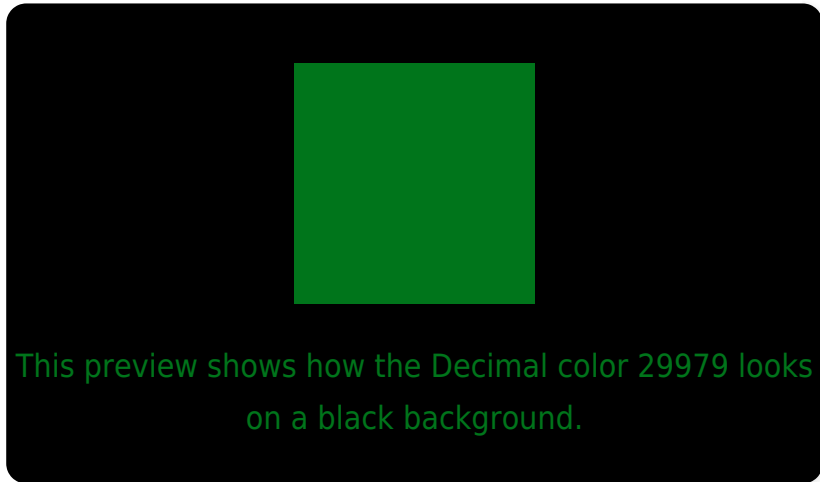
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

Decimal 29979 Background



This preview shows how black text looks on a background with the Decimal color 29979.



This preview shows how white text looks on a background with the Decimal color 29979.

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
29979

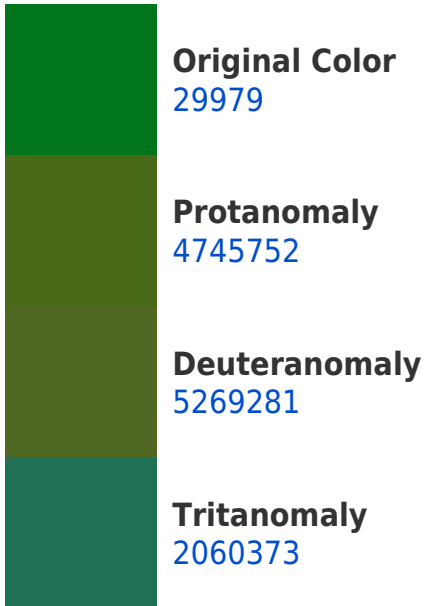
Protanopia
7431191

Deuteranopia
8216356



Tritanopia
3173750

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 29979 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 #00751B looks like.

```
.text, #text, p{  
    color:#00751B  
}
```

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 #00751B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00751B
}
```

Border

The CSS property to change the border of an element to Decimal 29979 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".

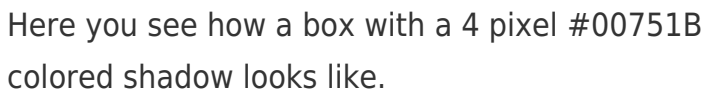
```
.border, #border, table{ border:4px solid
#00751B }
```

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

```
.border{ border-color:#00751B }
```

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

Here you see how a box with a 4 pixel #00751B colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a thick, dark green line that follows the bottom and right edges of the box, creating a 3D effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00751B; -webkit-box-shadow:4px 4px  
4px 4px #00751B; box-shadow:4px 4px 4px  
4px #00751B }
```

Background

The CSS property to change the background color of an element to Decimal 29979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00751B }
```

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

```
.background{ background-color:#00751B }
```

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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