

Converting Colors

Decimal(29493)

Have a look what the booklet for
Decimal(29493) contains.

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Color

Decimal(29493)

Conversions

Conversions Part 1

Format	Color
Hex	007335
RGB	0, 115, 53
RGB Percent	0%, 45%, 21%
CMY	1.0000, 0.5490, 0.7922
CMYK	1.00, 0.00, 0.54, 0.55
HSL	148°, 100%, 23%
HSV	148°, 100%, 45%
XYZ	6.7733, 12.5185, 5.4275
YIQ	73.5470, -48.6380, -43.6620

Conversions

Conversions Part 2

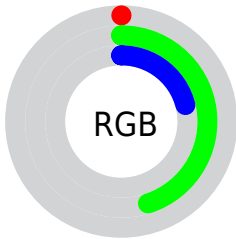
Format	Color
RYB	0, 79, 115
Decimal	29493
CIELab	42.03, -42.83, 26.44
CIELCh	42, 50.333, 148.306
Yxy	12.5185, 0.2740, 0.5064
Android (android.graphics.Color)	4278219573 (0xFF007335)
YUV	73.5470, -10.1297, -64.5007
Hunter-Lab	35.3815, -27.7461, 15.6720

Details

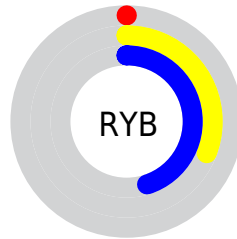
The Decimal color **29493** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7536702**, and the grayscale version is **4868682**.

A 20% lighter version of the original color is **4958309**, and **16647** is the 20% darker color. If you saturate the color by 10%, you get **29493**, and if you desaturate by 10%, it is **750395**.

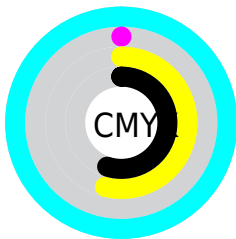
Distribution



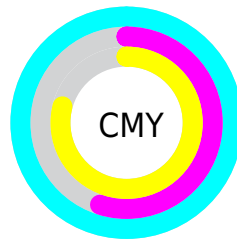
- Red (0%)
- Green (45%)
- Blue (21%)



- Red (0%)
- Yellow (31%)
- Blue (45%)



- Cyan (100%)
- Magenta (0%)
- Yellow (54%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 29493 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 29493 by changing the saturation by 10% instead.


 29493  29493

16777215  23070

 4958309  16647


 6800510  11008

 8577177  3584

 10419636  0

 12320719

 14221292

 16121855

 29493

■ 750395

■ 1536833

■ 2323272

■ 3044174

■ 3830612

■ 4551514

■ 5337952

■ 6058855

■ 6845293

Harmonies

Analogous

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



5270542



29493



30303

Triad

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



29493



27062



11222846

Complementary

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



29493



7536702

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.



11221351



29493



6117805

Square

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



29493



29353



9651855



9981978

Rectangle

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



29493



30332



9651855



11352908

Sweetspot

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



29493



6919806



4158208



3231038



13421772



5066061

Same Dimension

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



29493



38469



29549



3488567



31288



64115

Inverse Universe

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



7536702



9830481



7536646



3880248



7995458



16384135

Previews

White Background



This preview shows how the Decimal color 29493 looks on a white background.

Color Contrast Check

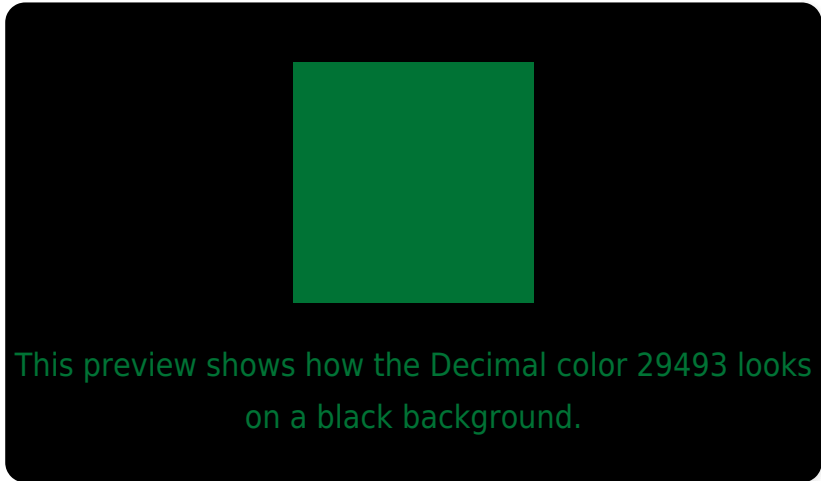
Large Text (above 18pt) WCAG AA ✓ Pass

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

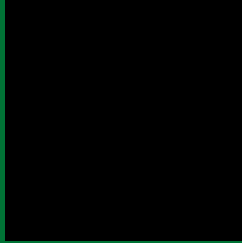
Any Text WCAG AA × Fail

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 29493 Background



This preview shows how black text looks on a background with the Decimal color 29493.



This preview shows how white text looks on a background with the Decimal color 29493.

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
29493

Protanopia
7234352

Deuteranopia
7888442

Trichromacy



Original Color
29493



Protanomaly
4614450



Deuteranomaly
5006904



Tritanomaly
1929054

Monochromacy



Original Color
29493



Achromatopsia
4868682



Achromatomaly
3103042

CSS Examples

Text

The CSS property to change the color of the text to Decimal 29493 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 #007335 looks like.

```
.text, #text, p{  
    color:#007335  
}
```

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 #007335 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007335
}
```

Border

The CSS property to change the border of an element to Decimal 29493 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
#007335 }
```

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

```
.border{ border-color:#007335 }
```

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

Here you see how a box with a 4 pixel #007335 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007335; -webkit-box-shadow:4px 4px  
4px 4px #007335; box-shadow:4px 4px 4px  
4px #007335 }
```

Background

The CSS property to change the background color of an element to Decimal 29493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007335 }
```

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

```
.background{ background-color:#007335 }
```

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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