

Converting Colors

Decimal(27436)

Have a look what the booklet for
Decimal(27436) contains.

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Color

Decimal(27436)

Conversions

Conversions Part 1

Format	Color
Hex	006B2C
RGB	0, 107, 44
RGB Percent	0%, 42%, 17%
CMY	1.0000, 0.5804, 0.8275
CMYK	1.00, 0.00, 0.59, 0.58
HSL	145°, 100%, 21%
HSV	145°, 100%, 42%
XYZ	5.7123, 10.6972, 4.1466
YIQ	67.8250, -43.5490, -42.2770

Conversions

Conversions Part 2

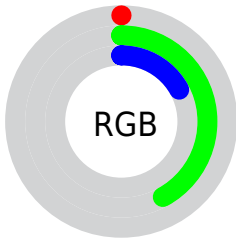
Format	Color
RYB	0, 76, 107
Decimal	27436
CIELab	39.07, -41.50, 27.65
CIELCh	39, 49.870, 146.324
Yxy	10.6972, 0.2779, 0.5204
Android (android.graphics.Color)	4278217516 (0xFF006B2C)
YUV	67.8250, -11.7457, -59.4825
Hunter-Lab	32.7066, -26.0610, 15.3778

Details

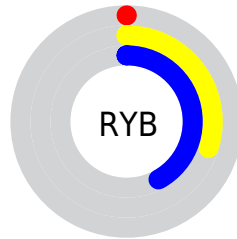
The Decimal color **27436** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7012415**, and the grayscale version is **4473924**.

A 20% lighter version of the original color is **4759388**, and **14848** is the 20% darker color. If you saturate the color by 10%, you get **27436**, and if you desaturate by 10%, it is **748338**.

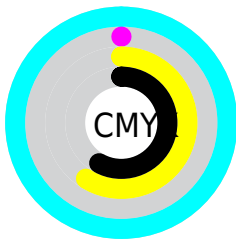
Distribution



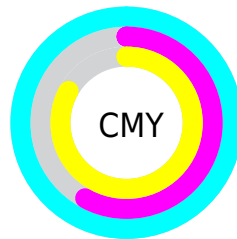
- Red (0%)
- Green (42%)
- Blue (17%)



- Red (0%)
- Yellow (30%)
- Blue (42%)



- Cyan (100%)
- Magenta (0%)
- Yellow (59%)
- Black (58%)



- Cyan (100%)
- Magenta (58%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 27436 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 27436 by changing the saturation by 10% instead.

 27436  27436

16777215  21013

 4759388  14848

 6601589  9472

 8378255  0

 10220713

 12058565

 13959137

 15859710

 27436

■ 748338

■ 1403705

■ 2124607

■ 2845509

■ 3566412

■ 4221778

■ 4942680

■ 5663582

■ 6318949

Harmonies

Analogous

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



5006338



27436



28246

Triad

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



27436



25261



10630715

Complementary

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



27436



7012415

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.



10564195



27436



5264293

Square

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



27436



27551



8929418



9521174

Rectangle

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



27436



28530



8929418



10761032

Sweetspot

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



27436



6458483



4221696



3032888



13092807



4671303

Same Dimension

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



27436



35898



27488



3159602



30000



62821

Inverse Universe

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



7012415



9175123



7012363



3551283



7667781



16056464

Previews

White Background



This preview shows how the Decimal color 27436 looks on a white background.

Color Contrast Check

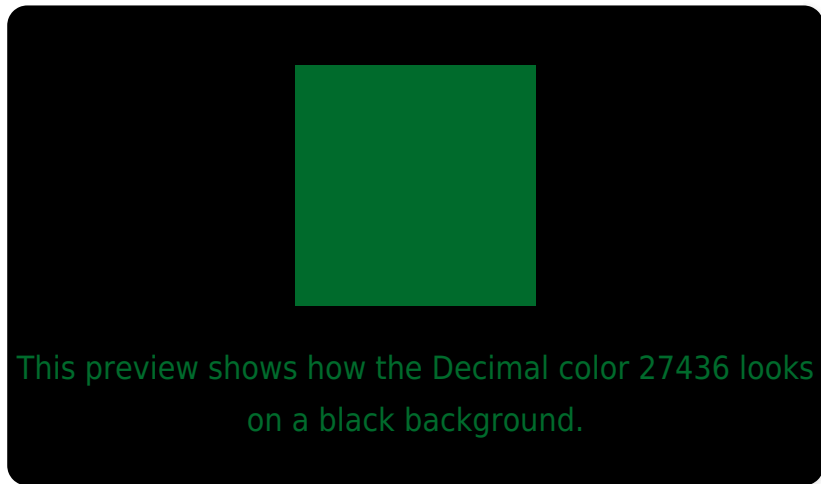
Large Text (above 18pt) WCAG AA ✓ Pass

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

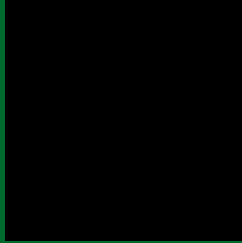
Any Text WCAG AA × Fail

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 27436 Background



This preview shows how black text looks on a background with the Decimal color 27436.



This preview shows how white text looks on a background with the Decimal color 27436.

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
27436

Protanopia
6708263

Deuteranopia
7428145

Trichromacy



Original Color
27436



Protanomaly
4284713



Deuteranomaly
4742959



Tritanomaly
1795925

Monochromacy



Original Color
27436



Achromatopsia
4473924



Achromatomaly
2839099

CSS Examples

Text

The CSS property to change the color of the text to Decimal 27436 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 #006B2C looks like.

```
.text, #text, p{  
    color:#006B2C  
}
```

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 #006B2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006B2C
}
```

Border

The CSS property to change the border of an element to Decimal 27436 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
#006B2C }
```

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

```
.border{ border-color:#006B2C }
```

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

Here you see how a box with a 4 pixel #006B2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006B2C; -webkit-box-shadow:4px 4px  
4px 4px #006B2C; box-shadow:4px 4px 4px  
4px #006B2C }
```

Background

The CSS property to change the background color of an element to Decimal 27436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006B2C }
```

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

```
.background{ background-color:#006B2C }
```

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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