

Converting Colors

Decimal(27214)

Have a look what the booklet for
Decimal(27214) contains.

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Color

Decimal(27214)

Conversions

Conversions Part 1

Format	Color
Hex	006A4E
RGB	0, 106, 78
RGB Percent	0%, 42%, 31%
CMY	1.0000, 0.5843, 0.6941
CMYK	1.00, 0.00, 0.26, 0.58
HSL	164°, 100%, 21%
HSV	164°, 100%, 42%
XYZ	6.5292, 10.8581, 8.9594
YIQ	71.1140, -54.1880, -31.1800

Conversions

Conversions Part 2

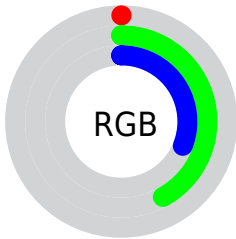
Format	Color
RYB	0, 61, 106
Decimal	27214
CIELab	39.34, -33.76, 8.42
CIELCh	39, 34.797, 165.989
Yxy	10.8581, 0.2478, 0.4121
Android (android.graphics.Color)	4278217294 (0xFF006A4E)
YUV	71.1140, 3.3948, -62.3670
Hunter-Lab	32.9517, -22.2967, 6.9454

Details

The Decimal color **27214** is a dark color, and the websafe version is hex **006633**, and the color name is **bangladesh green**. A complement of this color would be **6946844**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **4759167**, and **14626** is the 20% darker color. If you saturate the color by 10%, you get **27214**, and if you desaturate by 10%, it is **748113**.

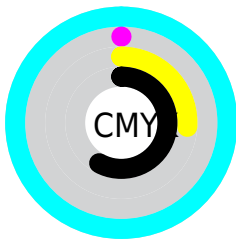
Distribution



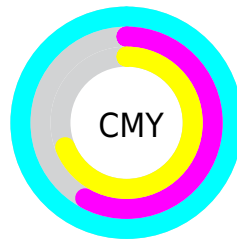
- Red (0%)
- Green (42%)
- Blue (31%)



- Red (0%)
- Yellow (24%)
- Blue (42%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (58%)

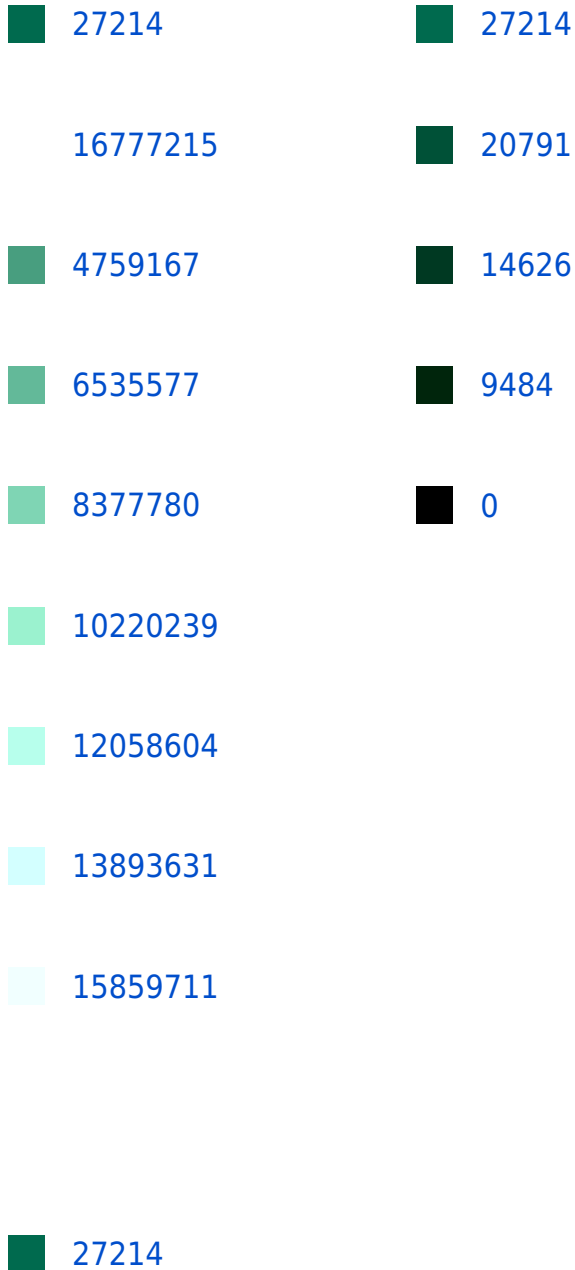


- Cyan (100%)
- Magenta (58%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 27214 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 27214 by changing the saturation by 10% instead.



■ 748113

■ 1403476

■ 2124374

■ 2779737

■ 3500636

■ 4221535

■ 4876898

■ 5597796

■ 6253159

Harmonies

Analogous

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



4089396



27214



27499

Triad

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



27214



4741779



9129013

Complementary

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



27214



6946844

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.



9585999



27214



7491460

Square

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



27214



25491



9061995



7886372

Rectangle

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



27214



27261



9061995



9324861

Sweetspot

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



27214



6326911



1862144



2901310



12895428



4539717

Same Dimension

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



27214



35429



20842



3159604



30038



62900

Inverse Universe

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



6946844



9044004



6953216



3551282



7667743



16056385

Previews

White Background



This preview shows how the Decimal color 27214 looks on a white background.

Color Contrast Check

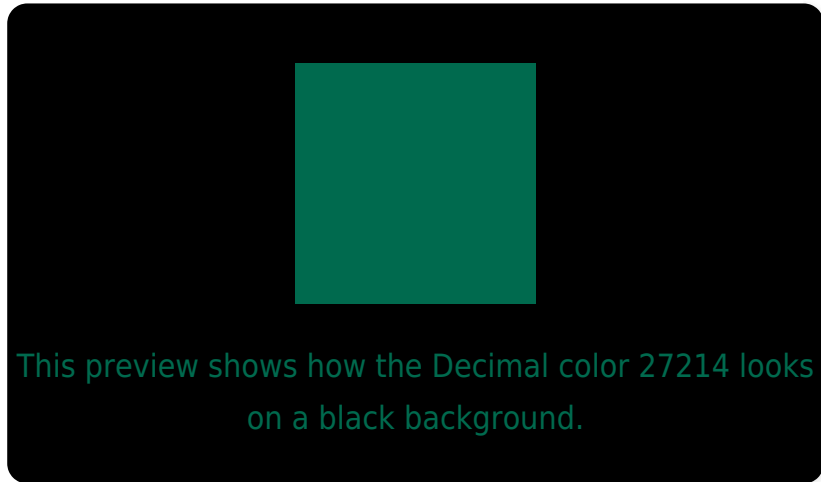
Large Text (above 18pt) WCAG AA ✓ Pass

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

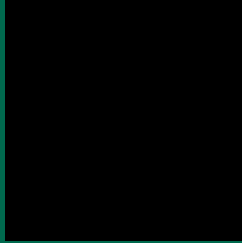
Any Text WCAG AA × Fail

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 27214 Background



This preview shows how black text looks on a background with the Decimal color 27214.



This preview shows how white text looks on a background with the Decimal color 27214.

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
27214

Protanopia
6511688

Deuteranopia
6904146



Tritanopia
2254446

Trichromacy



Original Color
27214

Protanomaly
4153674

Deuteranomaly
4415313

Tritanomaly
1468258

Monochromacy



Original Color
27214

Achromatopsia
4671303

Achromatomaly
2970698

CSS Examples

Text

The CSS property to change the color of the text to Decimal 27214 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 #006A4E looks like.

```
.text, #text, p{  
    color:#006A4E  
}
```

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 #006A4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006A4E
}
```

Border

The CSS property to change the border of an element to Decimal 27214 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
#006A4E }
```

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

```
.border{ border-color:#006A4E }
```

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

Here you see how a box with a 4 pixel #006A4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006A4E; -webkit-box-shadow:4px 4px  
4px 4px #006A4E; box-shadow:4px 4px 4px  
4px #006A4E }
```

Background

The CSS property to change the background color of an element to Decimal 27214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006A4E }
```

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

```
.background{ background-color:#006A4E }
```

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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