

Converting Colors

Decimal(27197)

Have a look what the booklet for
Decimal(27197) contains.

Decimal(27197)	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(27197)

Conversions

Conversions Part 1

Format	Color
Hex	006A3D
RGB	0, 106, 61
RGB Percent	0%, 42%, 24%
CMY	1.0000, 0.5843, 0.7608
CMYK	1.00, 0.00, 0.42, 0.58
HSL	155°, 100%, 21%
HSV	155°, 100%, 42%
XYZ	5.9963, 10.6450, 6.1535
YIQ	69.1760, -48.7310, -36.4670

Conversions

Conversions Part 2

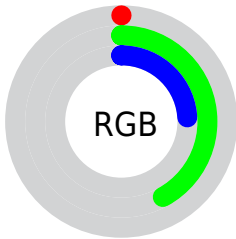
Format	Color
RYB	0, 67, 106
Decimal	27197
CIELab	38.98, -37.92, 18.04
CIElCh	39, 41.990, 154.564
Yxy	10.6450, 0.2631, 0.4670
Android (android.graphics.Color)	4278217277 (0xFF006A3D)
YUV	69.1760, -4.0308, -60.6674
Hunter-Lab	32.6267, -24.2908, 11.6563

Details

The Decimal color **27197** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6946861**, and the grayscale version is **4539717**.

A 20% lighter version of the original color is **4693613**, and **14610** is the 20% darker color. If you saturate the color by 10%, you get **27197**, and if you desaturate by 10%, it is **748098**.

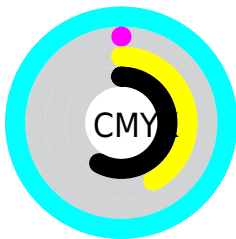
Distribution



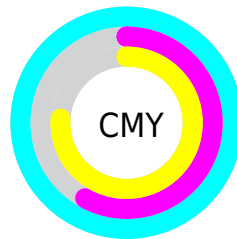
- Red (0%)
- Green (42%)
- Blue (24%)



- Red (0%)
- Yellow (26%)
- Blue (42%)



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (58%)



- Cyan (100%)
- Magenta (58%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 27197 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 27197 by changing the saturation by 10% instead.

■ 27197 ■ 27197

16777215 ■ 20775

■ 4693613 ■ 14610

■ 6535814 ■ 9472

■ 8312481 ■ 0

■ 10154684

■ 11993048

■ 13893620

■ 15794175

■ 27197

■ 748098

■ 1403462

■ 2124363

■ 2779727

■ 3500628

■ 4221528

■ 4876893

■ 5597793

■ 6253158

Harmonies

Analogous

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



4547871



27197



27744

Triad

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



27197



1072800



9847351

Complementary

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



27197



6946861

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.



10042200



27197



6574228

Square

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



27197



26521



8995450



8671004

Rectangle

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



27197



27767



8995450



10042945

Sweetspot

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



27197



6326904



3041792



2901306



12895428



4539717

Same Dimension

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



27197



35407



25450



3159603



30020



62861

Inverse Universe

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



6946861



9044026



6948608



3551282



7667762



16056424

Previews

White Background



This preview shows how the Decimal color 27197 looks on a white background.

Color Contrast Check

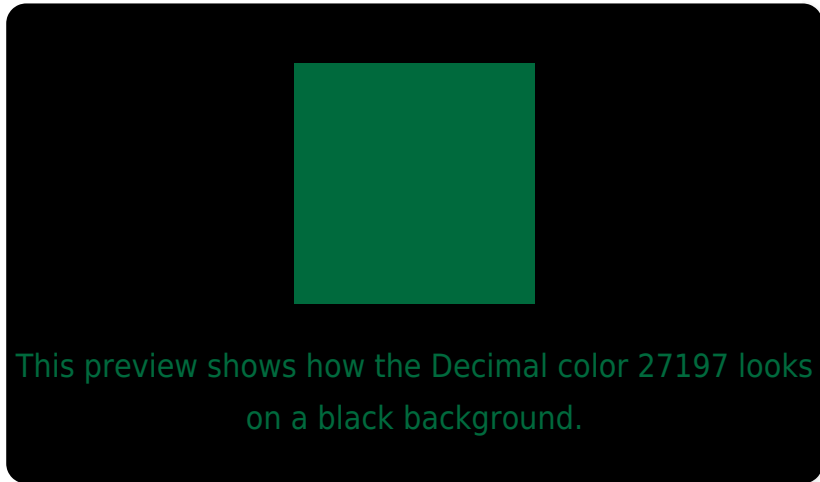
Large Text (above 18pt) WCAG AA ✓ Pass

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

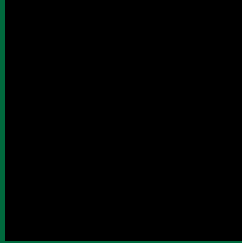
Any Text WCAG AA × Fail

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 27197 Background



This preview shows how black text looks on a background with the Decimal color 27197.



This preview shows how white text looks on a background with the Decimal color 27197.

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
27197

Protanopia
6577207

Deuteranopia
7166017



Tritanopia
2581613

Trichromacy



Original Color
27197



Protanomaly
4219193



Deuteranomaly
4546368



Tritanomaly
1664604

Monochromacy



Original Color
27197



Achromatopsia
4539717



Achromatomaly
2904642

CSS Examples

Text

The CSS property to change the color of the text to Decimal 27197 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 #006A3D looks like.

```
.text, #text, p{  
    color:#006A3D  
}
```

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 #006A3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006A3D
}
```

Border

The CSS property to change the border of an element to Decimal 27197 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
#006A3D }
```

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

```
.border{ border-color:#006A3D }
```

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

Here you see how a box with a 4 pixel #006A3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006A3D; -webkit-box-shadow:4px 4px  
4px 4px #006A3D; box-shadow:4px 4px 4px  
4px #006A3D }
```

Background

The CSS property to change the background color of an element to Decimal 27197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006A3D }
```

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

```
.background{ background-color:#006A3D }
```

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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