

Converting Colors

Decimal(29270)

Have a look what the booklet for
Decimal(29270) contains.

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Color

Decimal(29270)

Conversions

Conversions Part 1

Format	Color
Hex	007256
RGB	0, 114, 86
RGB Percent	0%, 45%, 34%
CMY	1.0000, 0.5529, 0.6627
CMYK	1.00, 0.00, 0.25, 0.55
HSL	165°, 100%, 22%
HSV	165°, 100%, 45%
XYZ	7.6970, 12.7065, 10.8510
YIQ	76.7220, -58.9560, -32.8760

Conversions

Conversions Part 2

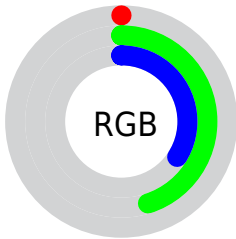
Format	Color
RYB	0, 65, 114
Decimal	29270
CIELab	42.32, -35.05, 7.82
CIELCh	42, 35.911, 167.419
Yxy	12.7065, 0.2463, 0.4065
Android (android.graphics.Color)	4278219350 (0xFF007256)
YUV	76.7220, 4.5741, -67.2852
Hunter-Lab	35.6462, -23.8376, 6.9039

Details

The Decimal color **29270** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7471132**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **4958088**, and **16681** is the 20% darker color. If you saturate the color by 10%, you get **29270**, and if you desaturate by 10%, it is **750169**.

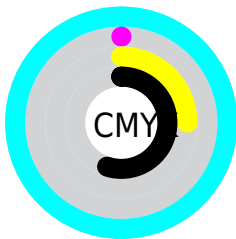
Distribution



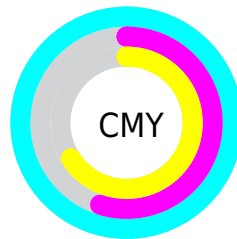
- Red (0%)
- Green (45%)
- Blue (34%)



- Red (0%)
- Yellow (25%)
- Blue (45%)



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 29270 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 29270 by changing the saturation by 10% instead.

 29270  29270

16777215  22847

 4958088  16681

 6800034  10772

 8576701  3840

 10419161  0

 12320757

 14221311

 16121855

 29270

■ 750169

■ 1536604

■ 2257502

■ 3043937

■ 3764836

■ 4485735

■ 5272170

■ 5993068

■ 6779503

Harmonies

Analogous

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



4353594



29270



29557

Triad

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



29270



5333404



9655097

Complementary

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



29270



7471132

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.



10177364



29270



8148364

Square

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



29270



27549



9718898



8412713

Rectangle

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



29270



29319



9718898



9982017

Sweetspot

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



29270



6853769



1929728



3099203



13224393



4868682

Same Dimension

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



29270



38000



22130



3291191



30810



63419

Inverse Universe

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



7471132



9699364



7478528



3682868



7864349



16187453

Previews

White Background



This preview shows how the Decimal color 29270 looks on a white background.

Color Contrast Check

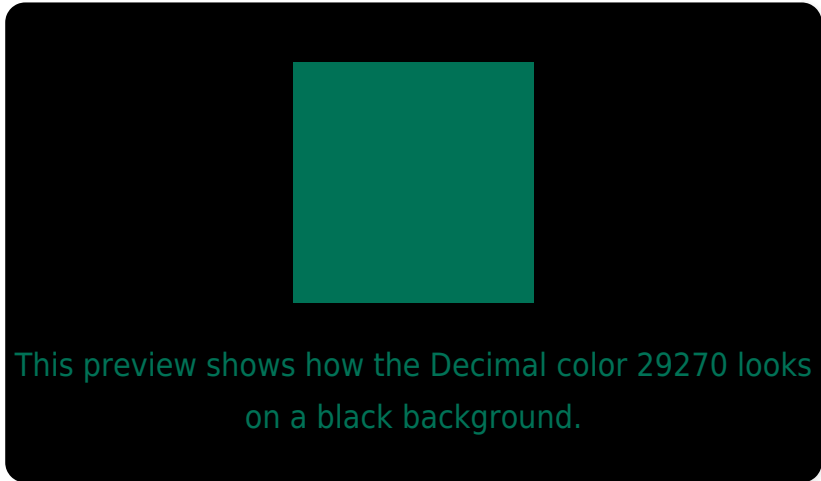
Large Text (above 18pt) WCAG AA ✓ Pass

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

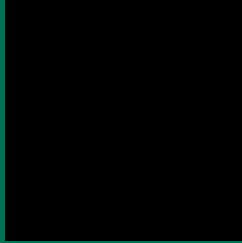
Any Text WCAG AA × Fail

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 29270 Background



This preview shows how black text looks on a background with the Decimal color 29270.

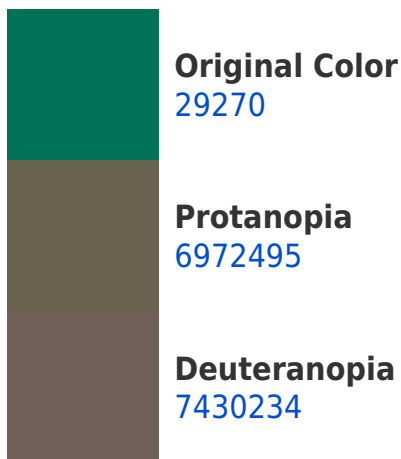


This preview shows how white text looks on a background with the Decimal color 29270.

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



Trichromacy



Original Color
29270



Protanomaly
4417874



Deuteranomaly
4745049



Tritanomaly
1535851

Monochromacy



Original Color
29270



Achromatopsia
5066061



Achromatomaly
3234384

CSS Examples

Text

The CSS property to change the color of the text to Decimal 29270 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 #007256 looks like.

```
.text, #text, p{  
    color:#007256  
}
```

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 #007256 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007256
}
```

Border

The CSS property to change the border of an element to Decimal 29270 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
#007256 }
```

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

```
.border{ border-color:#007256 }
```

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

Here you see how a box with a 4 pixel #007256 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007256; -webkit-box-shadow:4px 4px  
4px 4px #007256; box-shadow:4px 4px 4px  
4px #007256 }
```

Background

The CSS property to change the background color of an element to Decimal 29270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007256 }
```

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

```
.background{ background-color:#007256 }
```

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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