

Converting Colors

Decimal(2716010)

Have a look what the booklet for
Decimal(2716010) contains.

| | |
|--|----|
| Decimal(2716010) | 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(2716010)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 29716A |
| RGB | 41, 113, 106 |
| RGB Percent | 16%, 44%, 42% |
| CMY | 0.8392, 0.5569, 0.5843 |
| CMYK | 0.64, 0.00, 0.06, 0.56 |
| HSL | 174°, 47%, 30% |
| HSV | 174°, 64%, 44% |
| XYZ | 9.4211, 13.3223, 15.7106 |
| YIQ | 90.6740, -40.6650, -17.4410 |

Conversions

Conversions Part 2

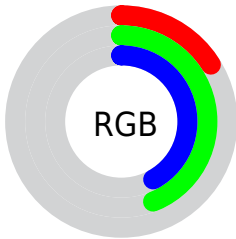
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 41, 79, 113 |
| Decimal | 2716010 |
| CIELab | 43.24, -23.97, -2.75 |
| CIELCh | 43, 24.126, 186.553 |
| Yxy | 13.3223, 0.2450, 0.3464 |
| Android (android.graphics.Color) | 4280906090 (0xFF29716A) |
| YUV | 90.6740, 7.5557, -43.5641 |
| Hunter-Lab | 36.4997, -17.8011, 0.0296 |

Details

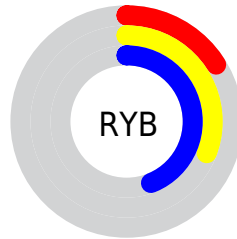
The Decimal color **2716010** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7416112**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **6268317**, and **16443** is the 20% darker color. If you saturate the color by 10%, you get **1995113**, and if you desaturate by 10%, it is **3436907**.

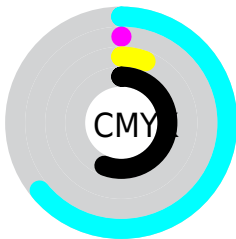
Distribution



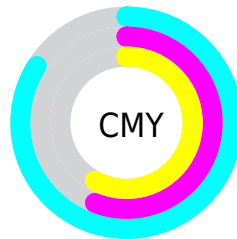
- Red (16%)
- Green (44%)
- Blue (42%)



- Red (16%)
- Yellow (31%)
- Blue (44%)



- Cyan (64%)
- Magenta (0%)
- Yellow (6%)
- Black (56%)



- Cyan (84%)
- Magenta (56%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2716010 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 2716010 by changing the saturation by 10% instead.

■ 2716010

■ 2716010

16777215

■ 284754

■ 6268317

■ 16443

■ 8044728

■ 10789

■ 9886932

■ 5137

■ 11663856

■ 0

■ 13565951

■ 15466495

■ 2716010

■ 2716010

■ 1995113

■ 3436907

■ 1208680

■ 4223340

■ 487783

■ 4944237

■ 29030

■ 5665134

■ 6451567

■ 7172465

■ 7893362

■ 8614259

■ 9400692

Harmonies

Analogous

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



4354134



2716010



1863805

Triad

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



2716010



7233414



8478786

Complementary

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



2716010



7416112

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.



9197903



2716010



8608118

Square

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



2716010



5334926



9262946



7300670

Rectangle

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



2716010



2584199



9262946



8740166

Sweetspot

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



2716010



7902353



3174697



3754568



13224393



4868682

Same Dimension

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



2716010



2331785



2708593



3291192



30828



63455

Inverse Universe

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



7416112



9708334



7423529



3682867



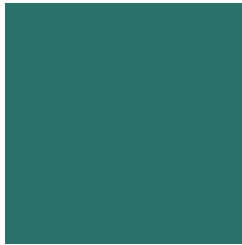
7864332



16187416

Previews

White Background



This preview shows how the Decimal color 2716010 looks on a white background.

Color Contrast Check

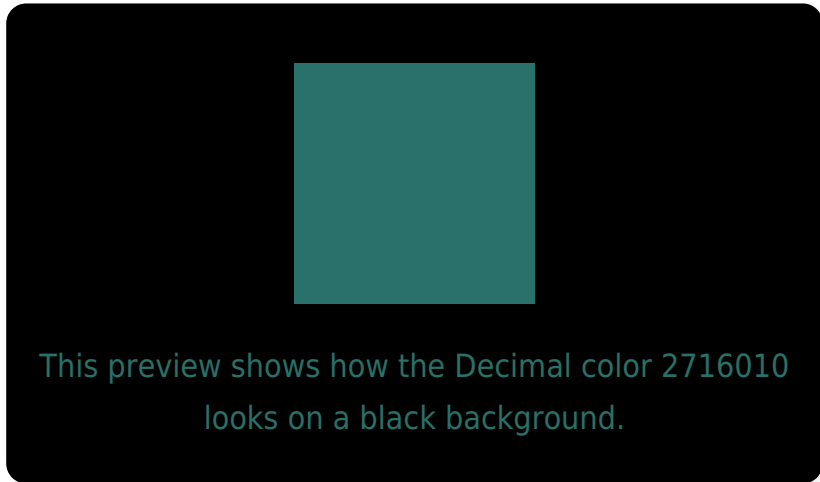
Large Text (above 18pt) WCAG AA ✓ Pass

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

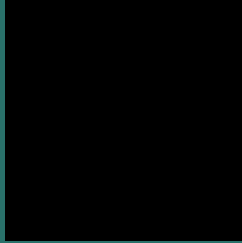
Any Text WCAG AA × Fail

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 2716010 Background



This preview shows how black text looks on a background with the Decimal color 2716010.

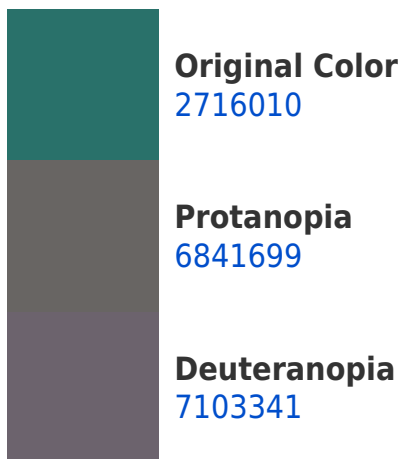


This preview shows how white text looks on a background with the Decimal color 2716010.

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](#).

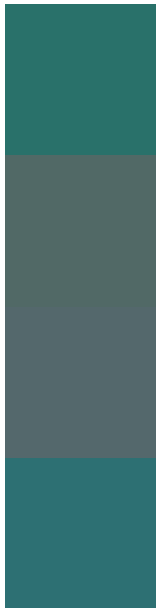
Dichromacy





Tritanopia
3108728

Trichromacy



Original Color
2716010

Protanomaly
5335398

Deuteranomaly
5531756

Tritanomaly
2977907

Monochromacy



Original Color
2716010

Achromatopsia
5987163

Achromatomaly
4809568

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2716010 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 #29716A looks like.

```
.text, #text, p{  
  color:#29716A  
}
```

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 #29716A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29716A
}
```

Border

The CSS property to change the border of an element to Decimal 2716010 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
#29716A }
```

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

```
.border{ border-color:#29716A }
```

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

Here you see how a box with a 4 pixel #29716A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29716A; -webkit-box-shadow:4px 4px  
4px 4px #29716A; box-shadow:4px 4px 4px  
4px #29716A }
```

Background

The CSS property to change the background color of an element to Decimal 2716010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29716A }
```

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

```
.background{ background-color:#29716A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor