

Converting Colors

Decimal(2976107)

Have a look what the booklet for
Decimal(2976107) contains.

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Color

Decimal(2976107)

Conversions

Conversions Part 1

Format	Color
Hex	2D696B
RGB	45, 105, 107
RGB Percent	18%, 41%, 42%
CMY	0.8235, 0.5882, 0.5804
CMYK	0.58, 0.02, 0.00, 0.58
HSL	182°, 41%, 30%
HSV	182°, 58%, 42%
XYZ	8.7876, 11.7226, 15.7094
YIQ	87.2880, -36.4020, -12.0980

Conversions

Conversions Part 2

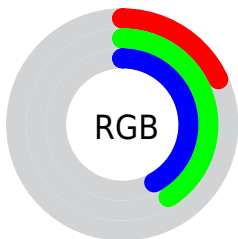
Format	Color
RYB	45, 75, 107
Decimal	2976107
CIELab	40.77, -18.62, -7.01
CIELCh	41, 19.894, 200.647
Yxy	11.7226, 0.2426, 0.3237
Android (android.graphics.Color)	4281166187 (0xFF2D696B)
YUV	87.2880, 9.7180, -37.0866
Hunter-Lab	34.2382, -14.1030, -3.2371

Details

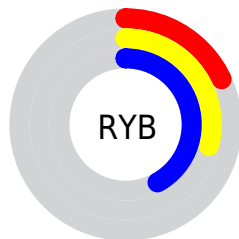
The Decimal color **2976107** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7024429**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **6462622**, and **14652** is the 20% darker color. If you saturate the color by 10%, you get **2255211**, and if you desaturate by 10%, it is **3697003**.

Distribution



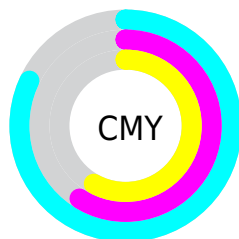
- Red (18%)
- Green (41%)
- Blue (42%)



- Red (18%)
- Yellow (29%)
- Blue (42%)



- Cyan (58%)
- Magenta (2%)
- Yellow (0%)
- Black (58%)



- Cyan (82%)
- Magenta (59%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2976107 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 2976107 by changing the saturation by 10% instead.

■ 2976107

■ 2976107

16777215

■ 938323

■ 6462622

■ 14652

■ 8173497

■ 9254

■ 9950165

■ 1554

■ 11792625

■ 0

■ 13631487

■ 15532031

■ 2976107

■ 2976107

■ 2255211

■ 3697003

■ 1599595

■ 4352619

■ 878699

■ 5073515

■ 157803

■ 5794411

■ 26731

■ 6515563

■ 7170923

■ 7891819

■ 8612971

■ 9268331

Harmonies

Analogous

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



3893594



2976107



3172217

Triad

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



2976107



7362677



7363904

Complementary

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



2976107



7024429

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.



8149064



2976107



8213606

Square

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



2976107



5987966



8475733



6316865

Rectangle

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



2976107



3958142



8475733



7691074

Sweetspot

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



2976107



7637900



2976558



3753799



13092807



4671303

Same Dimension

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



2976107



2787724



2968427



3159350



29301



60917

Inverse Universe

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



7023977



9185929



7032109



3551285



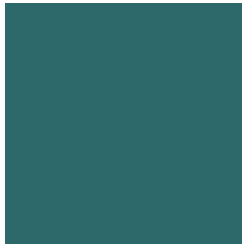
7667826



16056557

Previews

White Background



This preview shows how the Decimal color 2976107 looks on a white background.

Color Contrast Check

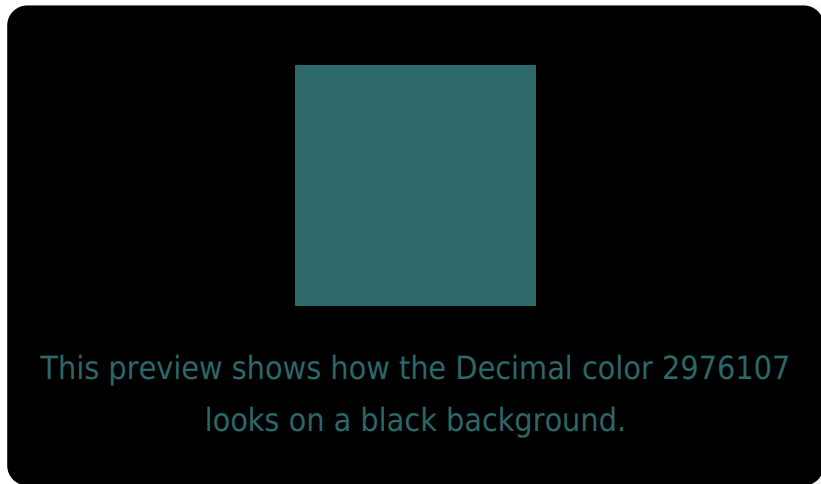
Large Text (above 18pt) WCAG AA ✓ Pass

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

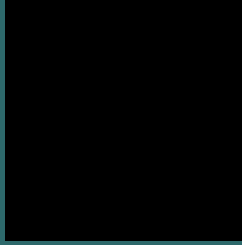
Any Text WCAG AA × Fail

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 2976107 Background



This preview shows how black text looks on a background with the Decimal color 2976107.

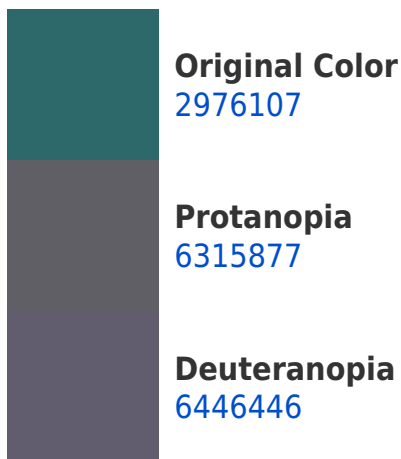


This preview shows how white text looks on a background with the Decimal color 2976107.

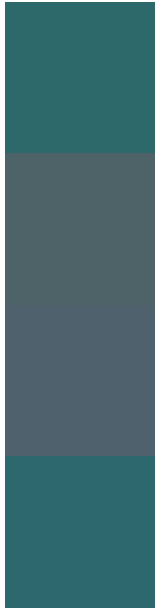
Color Blindness Simulation

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



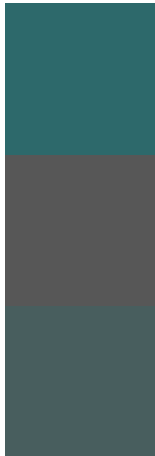
Original Color
2976107

Protanomaly
5071719

Deuteranomaly
5202285

Tritanomaly
3041391

Monochromacy



Original Color
2976107

Achromatopsia
5723991

Achromatomaly
4742750

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2976107 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 #2D696B looks like.

```
.text, #text, p{  
    color:#2D696B  
}
```

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 #2D696B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D696B  
}
```

Border

The CSS property to change the border of an element to Decimal 2976107 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  
#2D696B }
```

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

```
.border{ border-color:#2D696B }
```

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

Here you see how a box with a 4 pixel #2D696B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D696B; -webkit-box-shadow:4px 4px  
4px 4px #2D696B; box-shadow:4px 4px 4px  
4px #2D696B }
```

Background

The CSS property to change the background color of an element to Decimal 2976107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D696B }
```

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

```
.background{ background-color:#2D696B }
```

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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