

Converting Colors

Decimal(2971738)

Have a look what the booklet for
Decimal(2971738) contains.

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Color

Decimal(2971738)

Conversions

Conversions Part 1

Format	Color
Hex	2D585A
RGB	45, 88, 90
RGB Percent	18%, 35%, 35%
CMY	0.8235, 0.6549, 0.6471
CMYK	0.50, 0.02, 0.00, 0.65
HSL	183°, 33%, 26%
HSV	183°, 50%, 35%
XYZ	6.4174, 8.2755, 10.9320
YIQ	75.3710, -26.2700, -8.4940

Conversions

Conversions Part 2

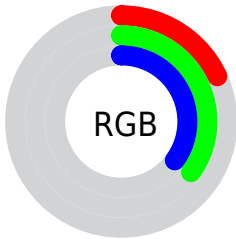
Format	Color
RYB	45, 67, 90
Decimal	2971738
CIELab	34.55, -14.29, -5.80
CIElCh	35, 15.422, 202.092
Yxy	8.2755, 0.2504, 0.3229
Android (android.graphics.Color)	4281161818 (0xFF2D585A)
YUV	75.3710, 7.2121, -26.6354
Hunter-Lab	28.7672, -10.5229, -2.3940

Details

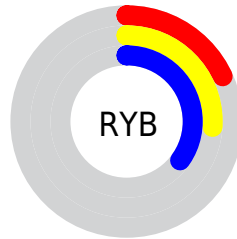
The Decimal color **2971738** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5910317**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **6261388**, and **10797** is the 20% darker color. If you saturate the color by 10%, you get **2381914**, and if you desaturate by 10%, it is **3561562**.

Distribution



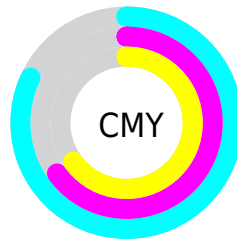
- Red (18%)
- Green (35%)
- Blue (35%)



- Red (18%)
- Yellow (26%)
- Blue (35%)



- Cyan (50%)
- Magenta (2%)
- Yellow (0%)
- Black (65%)



- Cyan (82%)
- Magenta (65%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2971738 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 2971738 by changing the saturation by 10% instead.

■ 2971738

■ 2971738

16777215

■ 1261891

■ 6261388

■ 10797

■ 7906470

■ 5912

■ 9683137

■ 0

■ 11459549

■ 13302010

■ 15138815

■ 2971738

■ 2971738

■ 2381914

■ 3561562

■ 1791834

■ 4151642

■ 1202010

■ 4741466

■ 611930

■ 5331546

■ 22106

■ 5921370

■ 6511194

■ 7101274

■ 7691098

■ 8281178

Harmonies

Analogous

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



3496013



2971738



3167844

Triad

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



2971738



6179680



6115129

Complementary

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



2971738



5910317

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.



6703934



2971738



6768981

Square

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



2971738



5197672



6965577



5329722

Rectangle

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



2971738



3691880



6965577



6377018

Sweetspot

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



2971738



6583669



2972207



3160635



12237498



3881787

Same Dimension

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



2971738



3109493



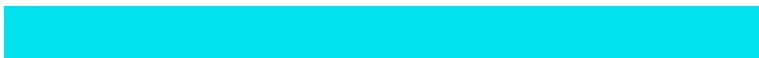
2966106



2698798



26990



58349

Inverse Universe

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



5909848



7679858



5915949



3025198



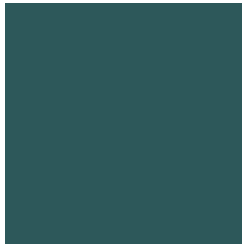
7209065



15532259

Previews

White Background



This preview shows how the Decimal color 2971738 looks on a white background.

Color Contrast Check

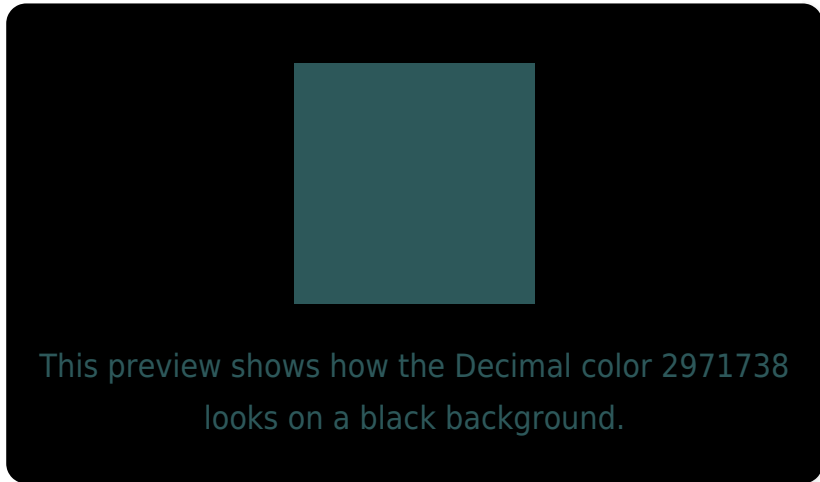
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

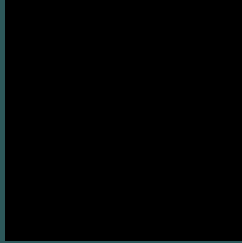
Any Text WCAG AA × Fail

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 2971738 Background



This preview shows how black text looks on a background with the Decimal color 2971738.

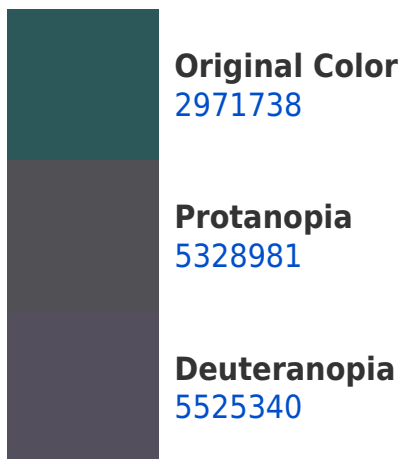


This preview shows how white text looks on a background with the Decimal color 2971738.

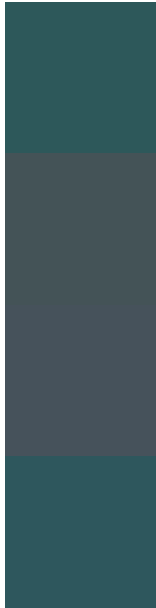
Color Blindness Simulation

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
2971738

Protanomaly
4477783

Deuteranomaly
4608603

Tritanomaly
3037021

Monochromacy



Original Color
2971738

Achromatopsia
4934475

Achromatomaly
4214864

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2971738 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 #2D585A looks like.

```
.text, #text, p{  
  color:#2D585A  
}
```

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 #2D585A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D585A
}
```

Border

The CSS property to change the border of an element to Decimal 2971738 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
#2D585A }
```

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

```
.border{ border-color:#2D585A }
```

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

Here you see how a box with a 4 pixel #2D585A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D585A; -webkit-box-shadow:4px 4px  
4px 4px #2D585A; box-shadow:4px 4px 4px  
4px #2D585A }
```

Background

The CSS property to change the background color of an element to Decimal 2971738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D585A }
```

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

```
.background{ background-color:#2D585A }
```

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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