

Converting Colors

Decimal(2966348)

Have a look what the booklet for
Decimal(2966348) contains.

Decimal(2966348)	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(2966348)

Conversions

Conversions Part 1

Format	Color
Hex	2D434C
RGB	45, 67, 76
RGB Percent	18%, 26%, 30%
CMY	0.8235, 0.7373, 0.7020
CMYK	0.41, 0.12, 0.00, 0.70
HSL	197°, 26%, 24%
HSV	197°, 41%, 30%
XYZ	4.3938, 5.0940, 7.5891
YIQ	61.4480, -16.0010, -1.8650

Conversions

Conversions Part 2

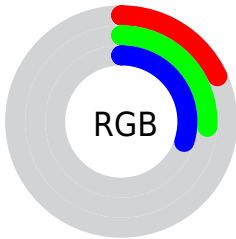
Format	Color
RYB	45, 58, 76
Decimal	2966348
CIELab	27.00, -5.90, -8.17
CIELCh	27, 10.077, 234.156
Yxy	5.0940, 0.2573, 0.2983
Android (android.graphics.Color)	4281156428 (0xFF2D434C)
YUV	61.4480, 7.1741, -14.4249
Hunter-Lab	22.5699, -4.7474, -4.1374

Details

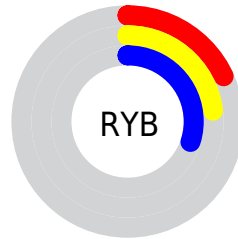
The Decimal color **2966348** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4994605**, and the grayscale version is **4013373**.

A 20% lighter version of the original color is **6058877**, and **6176** is the 20% darker color. If you saturate the color by 10%, you get **2441548**, and if you desaturate by 10%, it is **3491148**.

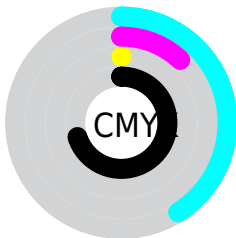
Distribution



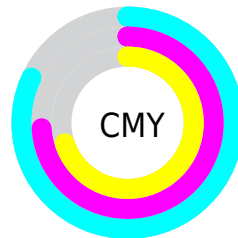
- Red (18%)
- Green (26%)
- Blue (30%)



- Red (18%)
- Yellow (23%)
- Blue (30%)



- Cyan (41%)
- Magenta (12%)
- Yellow (0%)
- Black (70%)



- Cyan (82%)
- Magenta (74%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2966348 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 2966348 by changing the saturation by 10% instead.

■ 2966348

■ 2966348

16777215

■ 1518901

■ 6058877

■ 6176

■ 7703703

■ 7

■ 9414577

■ 0

■ 11190989

■ 12967657

■ 14810111

16711679

■ 2966348

■ 2966348

■ 2441548

■ 3491148

■ 1982284

■ 3950412

■ 1457228

■ 4475468

■ 997964

■ 4934732

■ 473164

■ 5459532

■ 13900

■ 5984332

■ 6443596

■ 6968652

■ 7427916

Harmonies

Analogous

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



2835526



2966348



3490127

Triad

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



2966348



5126722



4145458

Complementary

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



2966348



4994605

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.



4669233



2966348



5258042

Square

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



2966348



4734025



5061684



3556151

Rectangle

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



2966348



3948367



5061684



4341809

Sweetspot

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



2966348



5791843



2968630



2896179



11776947



3355443

Same Dimension

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



2966348



3364195



2962508



2237734



18534



41958

Inverse Universe

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



4992323



6501205



4998445



2499109



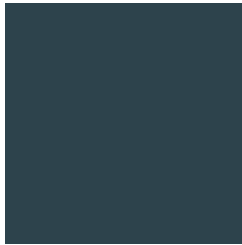
6684744



15073443

Previews

White Background



This preview shows how the Decimal color 2966348 looks on a white background.

Color Contrast Check

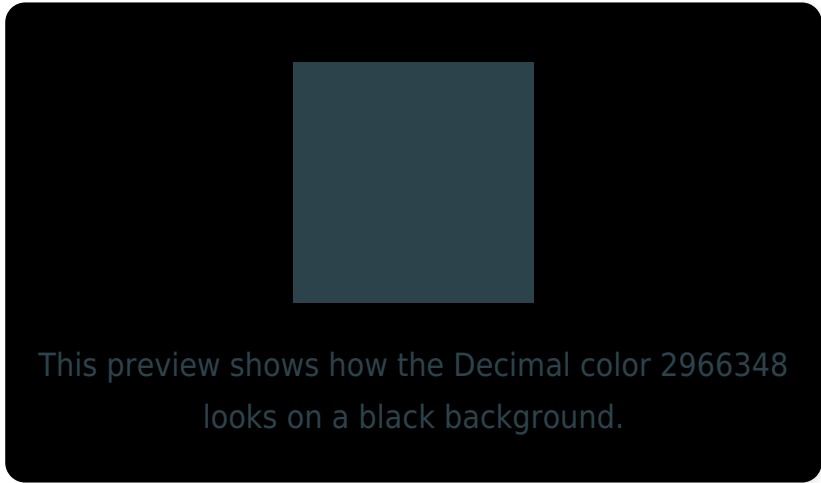
Large Text (above 18pt) WCAG AA ✓ Pass

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

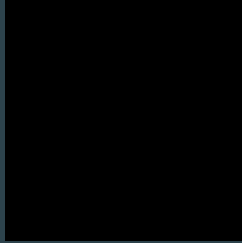
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

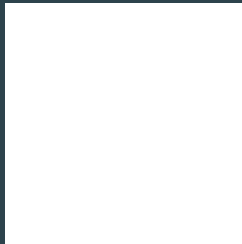
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 2966348 Background



This preview shows how black text looks on a background with the Decimal color 2966348.



This preview shows how white text looks on a background with the Decimal color 2966348.

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](#).

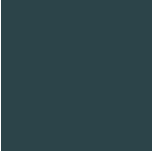
Dichromacy



Original Color
2966348

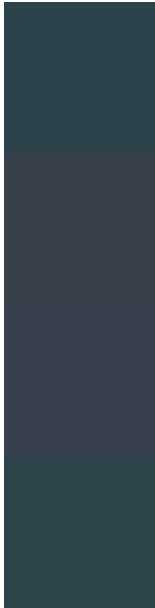
Protanopia
4079433

Deuteranopia
4144717



Tritanopia
2901065

Trichromacy



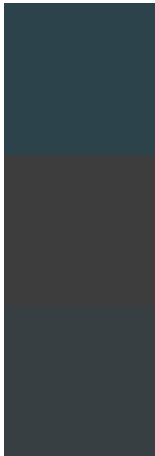
Original Color
2966348

Protanomaly
3686474

Deuteranomaly
3686477

Tritanomaly
2901066

Monochromacy



Original Color
2966348

Achromatopsia
4013373

Achromatomaly
3620674

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2966348 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 #2D434C looks like.

```
.text, #text, p{  
  color:#2D434C  
}
```

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 #2D434C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D434C
}
```

Border

The CSS property to change the border of an element to Decimal 2966348 is called "border". The border property can be set on classes, ids or directly on the HTML element.

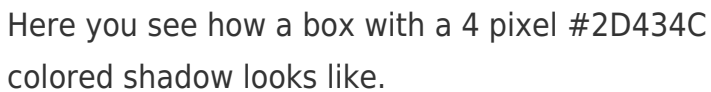
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D434C }
```

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

```
.border{ border-color:#2D434C }
```

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



Here you see how a box with a 4 pixel #2D434C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D434C; -webkit-box-shadow:4px 4px  
4px 4px #2D434C; box-shadow:4px 4px 4px  
4px #2D434C }
```

Background

The CSS property to change the background color of an element to Decimal 2966348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D434C }
```

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

```
.background{ background-color:#2D434C }
```

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