

Converting Colors

Decimal(2966582)

Have a look what the booklet for
Decimal(2966582) contains.

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Color

Decimal(2966582)

Conversions

Conversions Part 1

Format	Color
Hex	2D4436
RGB	45, 68, 54
RGB Percent	18%, 27%, 21%
CMY	0.8235, 0.7333, 0.7882
CMYK	0.34, 0.00, 0.21, 0.73
HSL	143°, 20%, 22%
HSV	143°, 34%, 27%
XYZ	3.8152, 4.9585, 4.2460
YIQ	59.5270, -9.2140, -9.2300

Conversions

Conversions Part 2

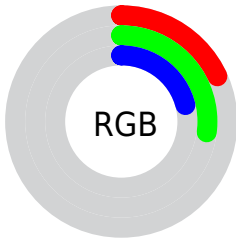
Format	Color
RYB	45, 62, 68
Decimal	2966582
CIELab	26.62, -12.49, 5.65
CIELCh	27, 13.714, 155.651
Yxy	4.9585, 0.2930, 0.3808
Android (android.graphics.Color)	4281156662 (0xFF2D4436)
YUV	59.5270, -2.7248, -12.7402
Hunter-Lab	22.2676, -8.3855, 4.2818

Details

The Decimal color **2966582** is a dark color, and the websafe version is hex **003333**, and the color name is [insect screen \(mushiao\)](#). A complement of this color would be **4468027**, and the grayscale version is **3947580**.

A 20% lighter version of the original color is **5993573**, and **6666** is the 20% darker color. If you saturate the color by 10%, you get **2507826**, and if you desaturate by 10%, it is **3425338**.

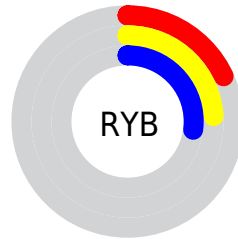
Distribution



Red (18%)

Green (27%)

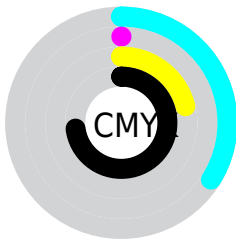
Blue (21%)



Red (18%)

Yellow (24%)

Blue (27%)

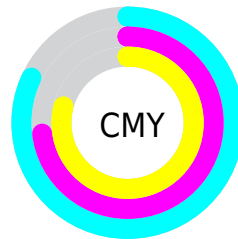


Cyan (34%)

Magenta (0%)

Yellow (21%)

Black (73%)



Cyan (82%)

Magenta (73%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2966582 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 2966582 by changing the saturation by 10% instead.

■ 2966582

■ 2966582

16777215

■ 1519137

■ 5993573

■ 6666

■ 7638654

■ 0

■ 9349271

■ 11125938

■ 12902606

■ 14744810

■ 16646143

■ 2966582

■ 2966582

■ 2507826

■ 3425338

■ 2049070

■ 3884094

■ 1655850

■ 4277314

■ 1197093

■ 4736071

■ 738337

■ 5194827

■ 279581

■ 5653583

■ 17435

■ 6112339

■ 6505559

■ 6964315

Harmonies

Analogous

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



3752494



2966582



2311489

Triad

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



2966582



3489620



5453875

Complementary

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



2966582



4468027

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.



5519165



2966582



4406352

Square

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



2966582



2507346



5126216



5126956

Rectangle

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



2966582



2049352



5126216



5519414

Sweetspot

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



2966582



5265748



3884077



2633259



11382189



3026478

Same Dimension

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



2966582



3496259



2966593



1974559



24870



57432

Inverse Universe

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



4468027



5846347



4468016



2170400



6357051



14680201

Previews

White Background



This preview shows how the Decimal color 2966582 looks on a white background.

Color Contrast Check

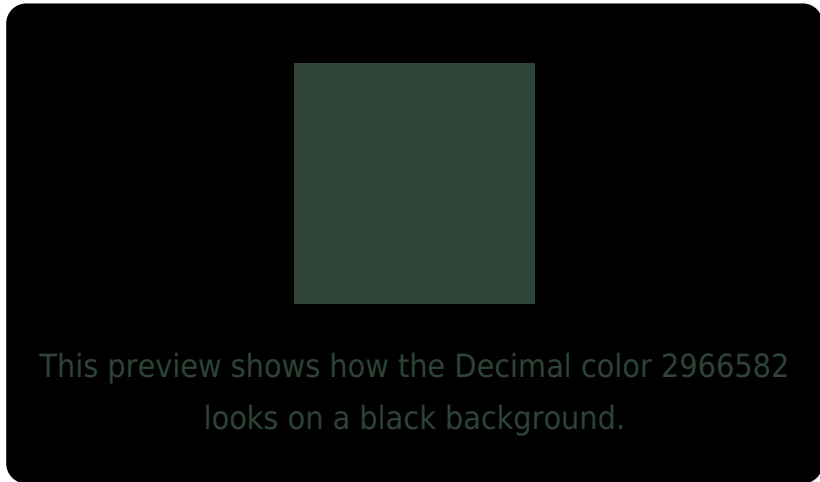
Large Text (above 18pt) WCAG AA ✓ Pass

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

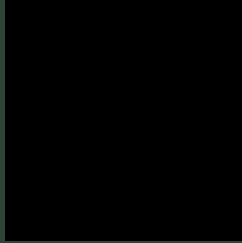
Any Text WCAG AA × Fail

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 2966582 Background



This preview shows how black text looks on a background with the Decimal color 2966582.

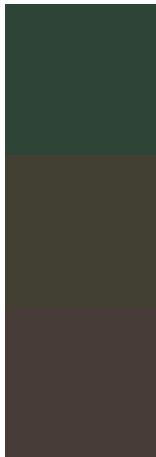


This preview shows how white text looks on a background with the Decimal color 2966582.

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](#).

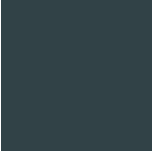
Dichromacy



Original Color
2966582

Protanopia
4341555

Deuteranopia
4668472



Tritanopia
3228231

Trichromacy



Original Color

2966582

Protanomaly

3817780

Deuteranomaly

4079415

Tritanomaly

3162945

Monochromacy



Original Color

2966582

Achromatopsia

3947580

Achromatomaly

3620666

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2966582 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 #2D4436 looks like.

```
.text, #text, p{  
  color:#2D4436  
}
```

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 #2D4436 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D4436
}
```

Border

The CSS property to change the border of an element to Decimal 2966582 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".

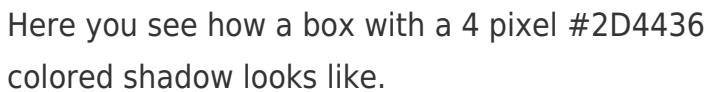
```
.border, #border, table{ border:4px solid
#2D4436 }
```

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

```
.border{ border-color:#2D4436 }
```

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

Here you see how a box with a 4 pixel #2D4436 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D4436; -webkit-box-shadow:4px 4px  
4px 4px #2D4436; box-shadow:4px 4px 4px  
4px #2D4436 }
```

Background

The CSS property to change the background color of an element to Decimal 2966582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D4436 }
```

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

```
.background{ background-color:#2D4436 }
```

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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