

Converting Colors

Decimal(2833462)

Have a look what the booklet for
Decimal(2833462) contains.

Decimal(2833462)	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(2833462)

Conversions

Conversions Part 1

Format	Color
Hex	2B3C36
RGB	43, 60, 54
RGB Percent	17%, 24%, 21%
CMY	0.8314, 0.7647, 0.7882
CMYK	0.28, 0.00, 0.10, 0.76
HSL	159°, 17%, 20%
HSV	159°, 28%, 24%
XYZ	3.2780, 4.0117, 4.0916
YIQ	54.2330, -8.2060, -5.4700

Conversions

Conversions Part 2

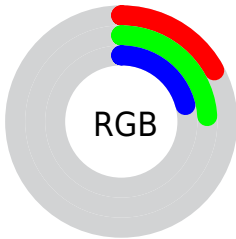
Format	Color
RYB	43, 53, 60
Decimal	2833462
CIELab	23.71, -8.41, 1.48
CIELCh	24, 8.540, 170.049
Yxy	4.0117, 0.2880, 0.3525
Android (android.graphics.Color)	4281023542 (0xFF2B3C36)
YUV	54.2330, -0.1149, -9.8513
Hunter-Lab	20.0291, -5.8375, 1.9085

Details

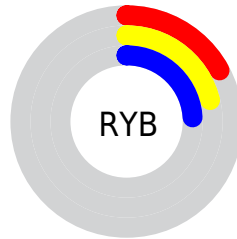
The Decimal color **2833462** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3943217**, and the grayscale version is **3552822**.

A 20% lighter version of the original color is **5860197**, and **4618** is the 20% darker color. If you saturate the color by 10%, you get **2440244**, and if you desaturate by 10%, it is **3226680**.

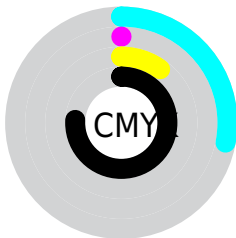
Distribution



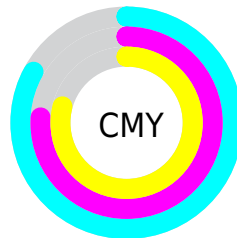
- Red (17%)
- Green (24%)
- Blue (21%)



- Red (17%)
- Yellow (21%)
- Blue (24%)



- Cyan (28%)
- Magenta (0%)
- Yellow (10%)
- Black (76%)



- Cyan (83%)
- Magenta (76%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2833462 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 2833462 by changing the saturation by 10% instead.

■ 2833462

■ 2833462

16777215

■ 1451553

■ 5860197

■ 4618

■ 7505278

■ 0

■ 9150359

■ 10861234

■ 12703182

■ 14545642

■ 16383999

■ 2833462

■ 2833462

■ 2440244

■ 3226680

■ 2047026

■ 3619898

■ 1653808

■ 4013116

■ 1260590

■ 4406334

■ 867371

■ 4799553

■ 474153

■ 5192771

■ 80935

■ 5585989

■ 15399

■ 5979207

■ 6372425

Harmonies

Analogous

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



3226416



2833462



2571325

Triad

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



2833462



3618884



4470063

Complementary

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



2833462



3943217

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.



4600884



2833462



4142401

Square

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



2833462



3095109



4469819



4142892

Rectangle

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



2833462



2636864



4469819



4535600

Sweetspot

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



2833462



4738893



3226667



2369831



11053224



2697513

Same Dimension

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



2833462



3428166



2832956



1842974



24125



56976

Inverse Universe

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



3943217



5190718



3943723



2038813



6160417



14549070

Previews

White Background



This preview shows how the Decimal color 2833462 looks on a white background.

Color Contrast Check

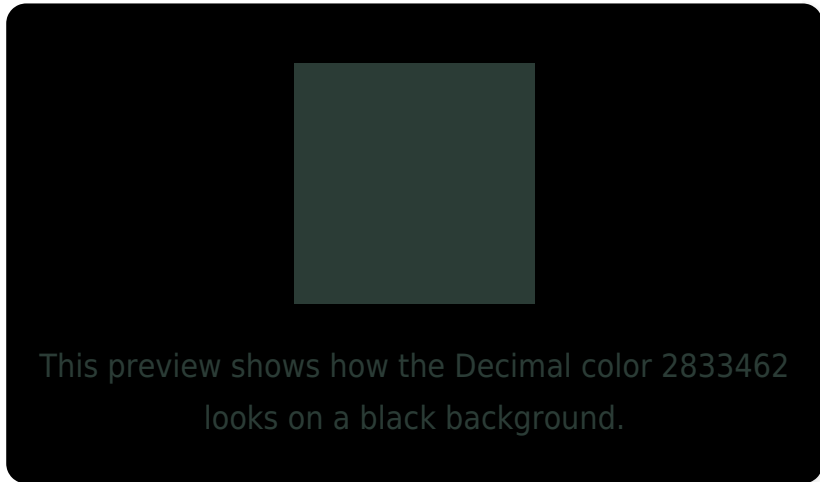
Large Text (above 18pt) WCAG AA ✓ Pass

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

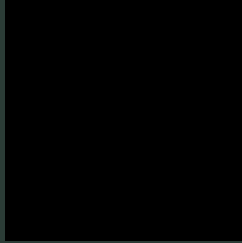
Any Text WCAG AA × Fail

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 2833462 Background



This preview shows how black text looks on a background with the Decimal color 2833462.



This preview shows how white text looks on a background with the Decimal color 2833462.

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
2833462

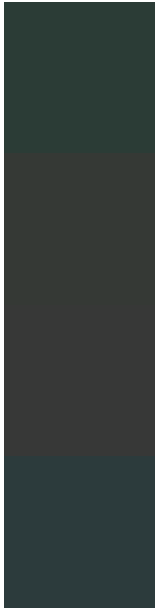
Protanopia
3815476

Deuteranopia
4077111



Tritanopia
2964287

Trichromacy



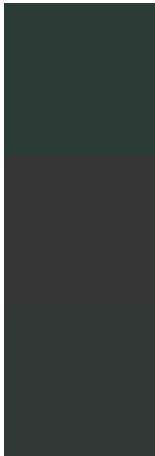
Original Color
2833462

Protanomaly
3488053

Deuteranomaly
3618871

Tritanomaly
2898748

Monochromacy



Original Color
2833462

Achromatopsia
3552822

Achromatomaly
3291190

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2833462 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 #2B3C36 looks like.

```
.text, #text, p{  
  color:#2B3C36  
}
```

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 #2B3C36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B3C36
}
```

Border

The CSS property to change the border of an element to Decimal 2833462 is called "border". The border property can be set on classes, ids or directly on the HTML element.

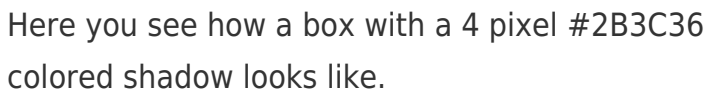
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B3C36 }
```

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

```
.border{ border-color:#2B3C36 }
```

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



Here you see how a box with a 4 pixel #2B3C36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B3C36; -webkit-box-shadow:4px 4px  
4px 4px #2B3C36; box-shadow:4px 4px 4px  
4px #2B3C36 }
```

Background

The CSS property to change the background color of an element to Decimal 2833462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B3C36 }
```

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

```
.background{ background-color:#2B3C36 }
```

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