

Converting Colors

Decimal(2837078)

Have a look what the booklet for
Decimal(2837078) contains.

- Decimal(2837078)** 3
 - Conversions*** 4
 - Details*** 6
 - Harmonies*** 11
 - Previews*** 23
 - Color Blindness Simulation*** 26
 - CSS Examples*** 29

Color

Decimal(2837078)

Conversions

Conversions Part 1	
Format	Color
Hex	2B4A56
RGB	43, 74, 86
RGB Percent	17%, 29%, 34%
CMY	0.8314, 0.7098, 0.6627
CMYK	0.50, 0.14, 0.00, 0.66
HSL	197°, 33%, 25%
HSV	197°, 50%, 34%
XYZ	5.1248, 6.0830, 9.7081
YIQ	66.0990, -22.3280, -2.8400

Conversions

Conversions Part 2

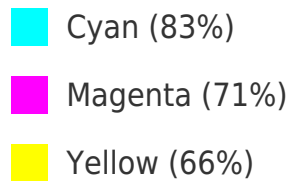
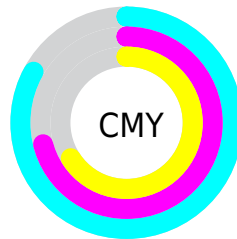
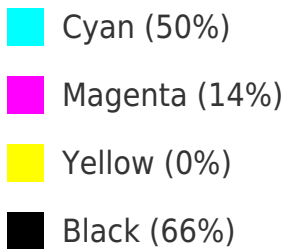
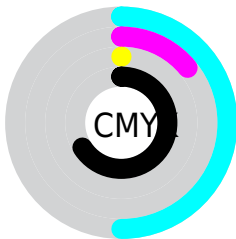
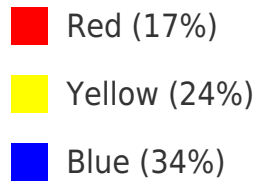
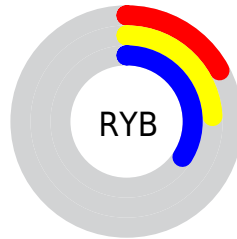
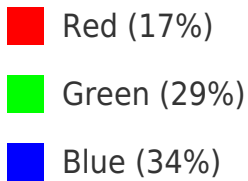
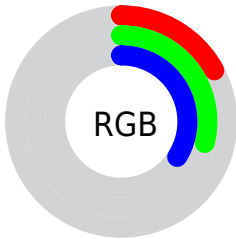
Format	Color
RYB	43, 61, 86
Decimal	2837078
CIELab	29.62, -7.75, -10.69
CIELCh	30, 13.205, 234.065
Yxy	6.0830, 0.2450, 0.2908
Android (android.graphics.Color)	4281027158 (0xFF2B4A56)
YUV	66.0990, 9.8112, -20.2578
Hunter-Lab	24.6638, -6.0722, -6.0730

Details

The Decimal color **2837078** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5650219**, and the grayscale version is **4342338**.

A 20% lighter version of the original color is **6060936**, and **7721** is the 20% darker color. If you saturate the color by 10%, you get **2246742**, and if you desaturate by 10%, it is **3427414**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Decimal color 2837078 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 2837078 by changing the saturation by 10% instead.

 2837078

 2837078

16777215

 1258303

 6060936


 7721

 7705762

 277

 9416637

 0

 11193305

 13035509

 14876671

 2837078

 2837078

 2246742

 3427414

 1721686

 3952470

 1131350

 4542806

 606294

 5067862

 15958

 5658198

 6248534

 6773590

 7363926

 7888982

Harmonies

Analogous

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



2640718



2837078



3557210

Triad

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



2837078



5848904



4540467

Complementary

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



2837078



5650219

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.



5194802



2837078



5979966

Square

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



2837078



5325138



5718326



3754553

Rectangle

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



2837078



4212057



5718326



4736818

Sweetspot

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



2837078



6253680



2840118



3028280



12105912



3684408

Same Dimension

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



2837078



2973040



2831702



2566699



19819



43499

Inverse Universe

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



5647178



7351645



5655595



2828074



7012429



15401129

Previews

White Background



This preview shows how the Decimal color 2837078 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



This preview shows how the Decimal color 2837078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

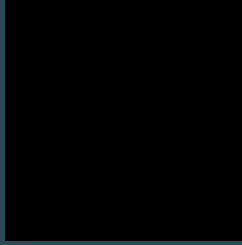
Any Text WCAG AA × Fail

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 2837078 Background



This preview shows how black text looks on a background with the Decimal color 2837078.



This preview shows how white text looks on a background with the Decimal color 2837078.

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

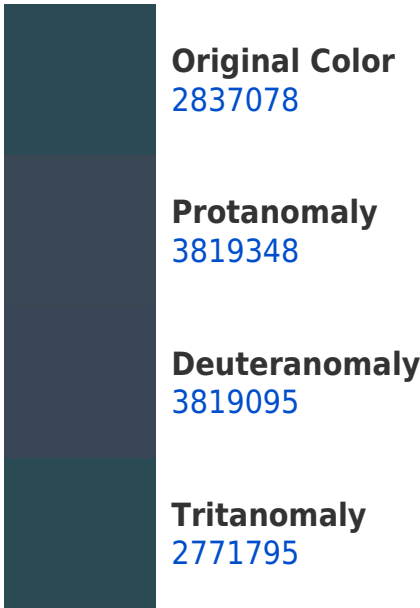


Original Color
2837078

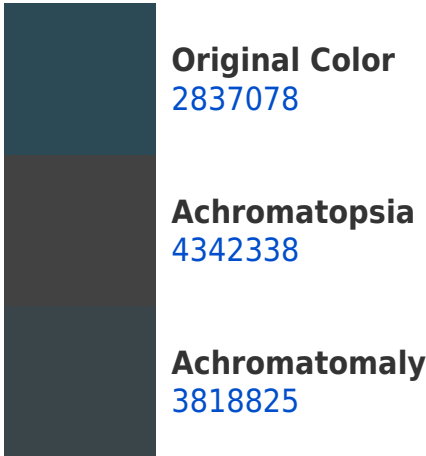
Protanopia
4408659

Deuteranopia
4408407

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 2837078 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 #2B4A56 looks like.

```
.text, #text, p{  
    color:#2B4A56  
}
```

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 #2B4A56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B4A56
}
```

Border

The CSS property to change the border of an element to Decimal 2837078 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
#2B4A56 }
```

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

```
.border{ border-color:#2B4A56 }
```

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

Here you see how a box with a 4 pixel #2B4A56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B4A56; -webkit-box-shadow:4px 4px  
4px 4px #2B4A56; box-shadow:4px 4px 4px  
4px #2B4A56 }
```

Background

The CSS property to change the background color of an element to Decimal 2837078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B4A56 }
```

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

```
.background{ background-color:#2B4A56 }
```

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