

Converting Colors

Decimal(2711651)

Have a look what the booklet for
Decimal(2711651) contains.

Decimal(2711651)	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(2711651)

Conversions

Conversions Part 1

Format	Color
Hex	296063
RGB	41, 96, 99
RGB Percent	16%, 38%, 39%
CMY	0.8392, 0.6235, 0.6118
CMYK	0.59, 0.03, 0.00, 0.61
HSL	183°, 41%, 27%
HSV	183°, 59%, 39%
XYZ	7.3495, 9.7380, 13.2966
YIQ	79.8970, -33.7430, -10.7270

Conversions

Conversions Part 2

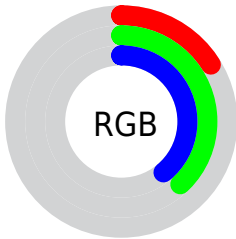
Format	Color
R_{YB}	41, 69, 99
Decimal	2711651
CIE _{Lab}	37.37, -17.02, -7.21
CIE _{LCh}	37, 18.485, 202.963
Yxy	9.7380, 0.2419, 0.3205
Android (android.graphics.Color)	4280901731 (0xFF296063)
YUV	79.8970, 9.4178, -34.1127
Hunter-Lab	31.2058, -12.5706, -3.4192




Details

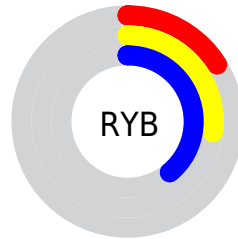
The Decimal color **2711651** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6499369**, and the grayscale version is **5263440**.




A 20% lighter version of the original color is **6132630**, and **12597** is the 20% darker color. If you saturate the color by 10%, you get **2056035**, and if you desaturate by 10%, it is **3367267**.

Distribution







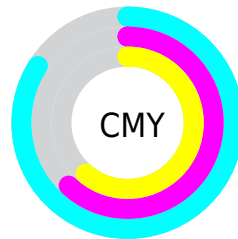
-  Red (16%)
-  Green (38%)
-  Blue (39%)






-  Red (16%)
-  Yellow (27%)
-  Blue (39%)



-  Cyan (59%)
-  Magenta (3%)
-  Yellow (0%)
-  Black (61%)



-  Cyan (84%)
-  Magenta (62%)
-  Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2711651 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 2711651 by changing the saturation by 10% instead.

■ 2711651

■ 2711651

16777215

■ 673867

■ 6132630

■ 12597

■ 7843248

■ 7455

■ 9619916

■ 7

■ 11396584

■ 0

■ 13238271

■ 15138815

■ 2711651

■ 2711651

■ 2056035

■ 3367267

■ 1400675

■ 4022627

■ 745059

■ 4678243

■ 89699

■ 5333603

■ 24163

■ 5989219

■ 6579043

■ 7234659

■ 7890019

■ 8545635

Harmonies

Analogous

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



3498068



2711651



2973295

Triad

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



2711651



6836330



6706746

Complementary

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



2711651



6499369

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.



7426369



2711651



7556444

Square

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



2711651



5592435



7753037



5724988

Rectangle

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



2711651



3693684



7753037



6968380

Sweetspot

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



2711651



6913664



2712364



3292992



12566463



4210752

Same Dimension

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



2711651



2521984



2704227



2895920



27248



58352

Inverse Universe

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



6498656



8398459



6506793



3157040



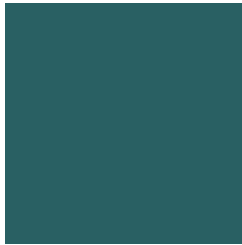
7340138



15728867

Previews

White Background



This preview shows how the Decimal color 2711651 looks on a white background.

Color Contrast Check

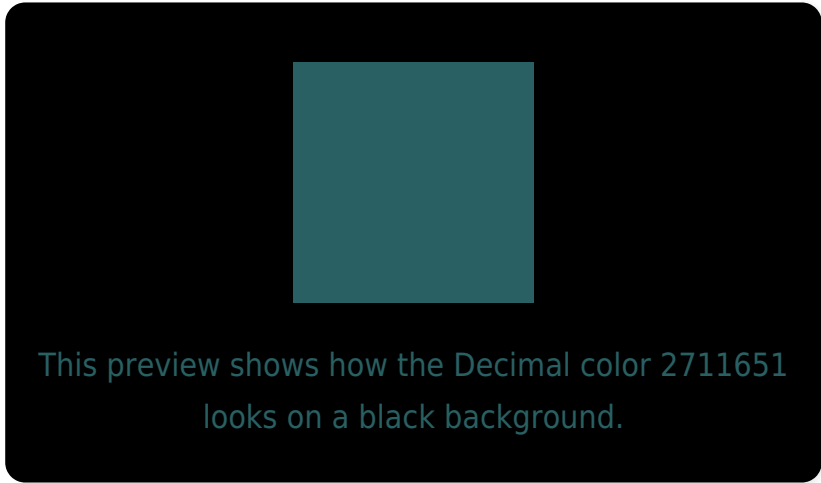
Large Text (above 18pt) WCAG AA ✓ Pass

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

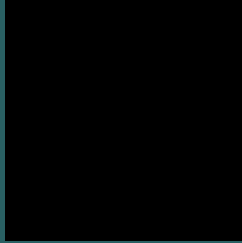
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

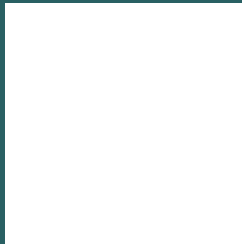
Any Text WCAG AAA × Fail

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

Decimal 2711651 Background



This preview shows how black text looks on a background with the Decimal color 2711651.



This preview shows how white text looks on a background with the Decimal color 2711651.

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
2711651

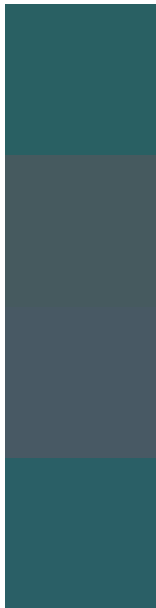
Protanopia
5723997

Deuteranopia
5920101



Tritanopia
2842471

Trichromacy



Original Color
2711651

Protanomaly
4610655

Deuteranomaly
4741476

Tritanomaly
2776934

Monochromacy



Original Color
2711651

Achromatopsia
5263440

Achromatomaly
4347479

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2711651 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 #296063 looks like.

```
.text, #text, p{  
  color:#296063  
}
```

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 #296063 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #296063  
}
```

Border

The CSS property to change the border of an element to Decimal 2711651 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  
#296063 }
```

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

```
.border{ border-color:#296063 }
```

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

Here you see how a box with a 4 pixel #296063 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #296063; -webkit-box-shadow:4px 4px  
4px 4px #296063; box-shadow:4px 4px 4px  
4px #296063 }
```

Background

The CSS property to change the background color of an element to Decimal 2711651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#296063 }
```

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

```
.background{ background-color:#296063 }
```

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