

Converting Colors

Decimal(2771526)

Have a look what the booklet for
Decimal(2771526) contains.

Decimal(2771526)	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(2771526)

Conversions

Conversions Part 1

Format	Color
Hex	2A4A46
RGB	42, 74, 70
RGB Percent	16%, 29%, 27%
CMY	0.8353, 0.7098, 0.7255
CMYK	0.43, 0.00, 0.05, 0.71
HSL	172°, 28%, 23%
HSV	172°, 43%, 29%
XYZ	4.5091, 5.8320, 6.6824
YIQ	63.9760, -17.7880, -8.0280

Conversions

Conversions Part 2

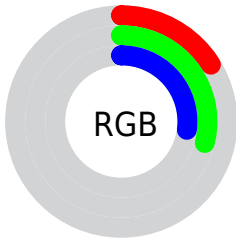
Format	Color
R_{YB}	42, 59, 74
Decimal	2771526
CIE Lab	28.98, -12.90, -1.33
CIE LCh	29, 12.964, 185.889
Yxy	5.8320, 0.2649, 0.3426
Android (android.graphics.Color)	4280961606 (0xFF2A4A46)
YUV	63.9760, 2.9698, -19.2730
Hunter-Lab	24.1495, -8.9328, 0.4986

Details

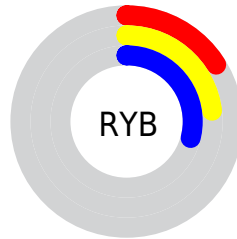
The Decimal color **2771526** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4860462**, and the grayscale version is **4210752**.

A 20% lighter version of the original color is **5864310**, and **7707** is the 20% darker color. If you saturate the color by 10%, you get **2312773**, and if you desaturate by 10%, it is **3230279**.

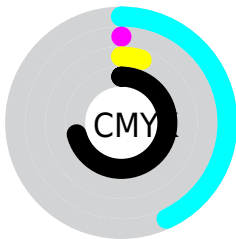
Distribution



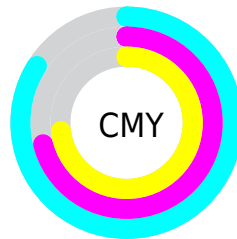
- Red (16%)
- Green (29%)
- Blue (27%)



- Red (16%)
- Yellow (23%)
- Blue (29%)



- Cyan (43%)
- Magenta (0%)
- Yellow (5%)
- Black (71%)



- Cyan (84%)
- Magenta (71%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2771526 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 2771526 by changing the saturation by 10% instead.

■ 2771526

■ 2771526

16777215

■ 1258288

■ 5864310

■ 7707

■ 7574928

■ 0

■ 9220010

■ 10996678

■ 12838882

■ 14680062

■ 16515071

■ 2771526

■ 2771526

■ 2312773

■ 3230279

■ 1788484

■ 3754568

■ 1329731

■ 4213321

■ 805442

■ 4737610

■ 346689

■ 5196363

■ 19009

■ 5655116

■ 6179404

■ 6638157

■ 7162446

Harmonies

Analogous

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



3361084



2771526



2574672

Triad

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



2771526



4735317



5456178

Complementary

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



2771526



4860462

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.



5783097



2771526



5455437

Square

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



2771526



3884376



5782851



4867120

Rectangle

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



2771526



2836565



5782851



5586996

Sweetspot

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



2771526



5529951



3033642



2699311



11579568



3158064

Same Dimension

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



2771526



3105115



2768458



2237990



26201



59081

Inverse Universe

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



4860462



6369077



4863530



2499107



6684685



15073309

Previews

White Background



This preview shows how the Decimal color 2771526 looks on a white background.

Color Contrast Check

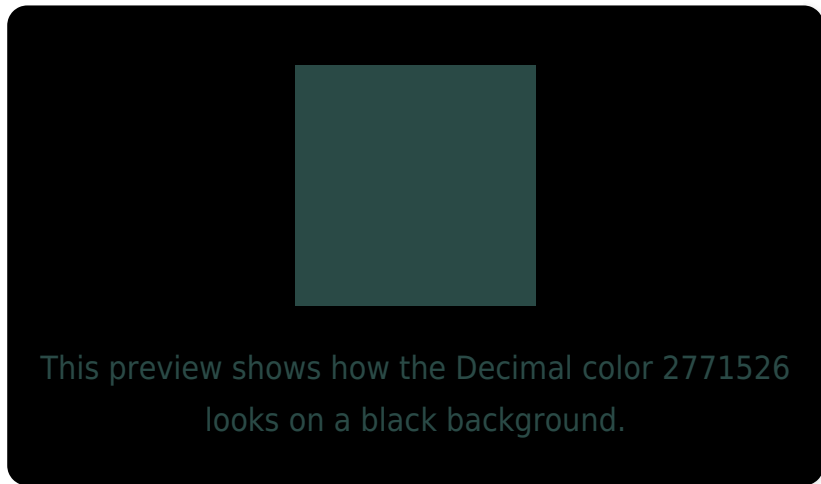
Large Text (above 18pt) WCAG AA ✓ Pass

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

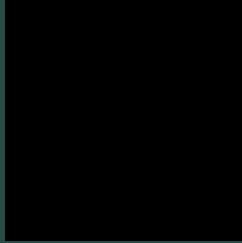
Any Text WCAG AA × Fail

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 2771526 Background



This preview shows how black text looks on a background with the Decimal color 2771526.



This preview shows how white text looks on a background with the Decimal color 2771526.

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
2771526

Protanopia
4604994

Deuteranopia
4801096

Trichromacy



Original Color

2771526

Protanomaly

3950147

Deuteranomaly

4080967

Tritanomaly

2836812

Monochromacy



Original Color

2771526

Achromatopsia

4210752

Achromatomaly

3687490

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2771526 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 #2A4A46 looks like.

```
.text, #text, p{  
  color:#2A4A46  
}
```

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 #2A4A46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A4A46
}
```

Border

The CSS property to change the border of an element to Decimal 2771526 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
#2A4A46 }
```

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

```
.border{ border-color:#2A4A46 }
```

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

Here you see how a box with a 4 pixel #2A4A46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A4A46; -webkit-box-shadow:4px 4px  
4px 4px #2A4A46; box-shadow:4px 4px 4px  
4px #2A4A46 }
```

Background

The CSS property to change the background color of an element to Decimal 2771526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A4A46 }
```

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

```
.background{ background-color:#2A4A46 }
```

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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