

Converting Colors

Decimal(2768976)

Have a look what the booklet for
Decimal(2768976) contains.

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Color

Decimal(2768976)

Conversions

Conversions Part 1

Format	Color
Hex	2A4050
RGB	42, 64, 80
RGB Percent	16%, 25%, 31%
CMY	0.8353, 0.7490, 0.6863
CMYK	0.48, 0.20, 0.00, 0.69
HSL	205°, 31%, 24%
HSV	205°, 48%, 31%
XYZ	4.2362, 4.7382, 8.2807
YIQ	59.2460, -18.2480, 0.3120

Conversions

Conversions Part 2

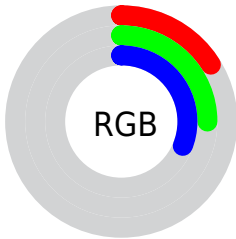
Format	Color
R_{YB}	42, 56, 80
Decimal	2768976
CIE Lab	25.98, -3.65, -12.36
CIE LCh	26, 12.892, 253.539
Yxy	4.7382, 0.2455, 0.2746
Android (android.graphics.Color)	4280959056 (0xFF2A4050)
YUV	59.2460, 10.2317, -15.1247
Hunter-Lab	21.7675, -3.3548, -7.3177

Details

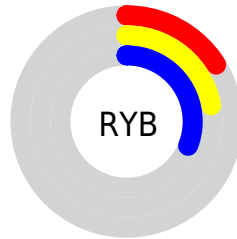
The Decimal color **2768976** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5257770**, and the grayscale version is **3881787**.

A 20% lighter version of the original color is **5927041**, and **5667** is the 20% darker color. If you saturate the color by 10%, you get **2243920**, and if you desaturate by 10%, it is **3294032**.

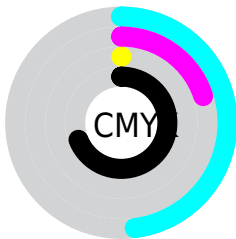
Distribution



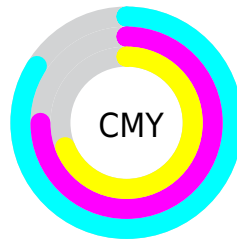
- Red (16%)
- Green (25%)
- Blue (31%)



- Red (16%)
- Yellow (22%)
- Blue (31%)



- Cyan (48%)
- Magenta (20%)
- Yellow (0%)
- Black (69%)



- Cyan (84%)
- Magenta (75%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2768976 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 2768976 by changing the saturation by 10% instead.

■ 2768976

■ 2768976

16777215

■ 1255993

■ 5927041

■ 5667

■ 7571867

■ 269

■ 9282486

■ 0

■ 10993362

■ 12835566

■ 14678015

■ 16580607

■ 2768976

■ 2768976

■ 2243920

■ 3294032

■ 1718608

■ 3819344

■ 1193552

■ 4344400

■ 668496

■ 4869456

■ 143184

■ 5394768

■ 11856

■ 5919824

■ 6445136

■ 6970192

■ 7495248

Harmonies

Analogous

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



2179659



2768976



3685712

Triad

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



2768976



5322297



3490095

Complementary

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



2768976



5257770

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.



4210218



2768976



5257264

Square

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



2768976



5125955



4799275



2769720

Rectangle

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



2768976



4275022



4799275



3751981

Sweetspot

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



2768976



5923433



2773050



2896438



11908533



3552822

Same Dimension

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



2768976



2969449



2764112



2434857



15721



34536

Inverse Universe

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



5253696



6892879



5262634



2696487



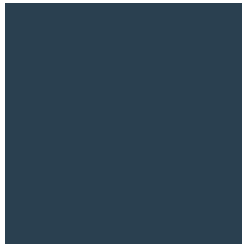
6881341



15204486

Previews

White Background



This preview shows how the Decimal color 2768976 looks on a white background.

Color Contrast Check

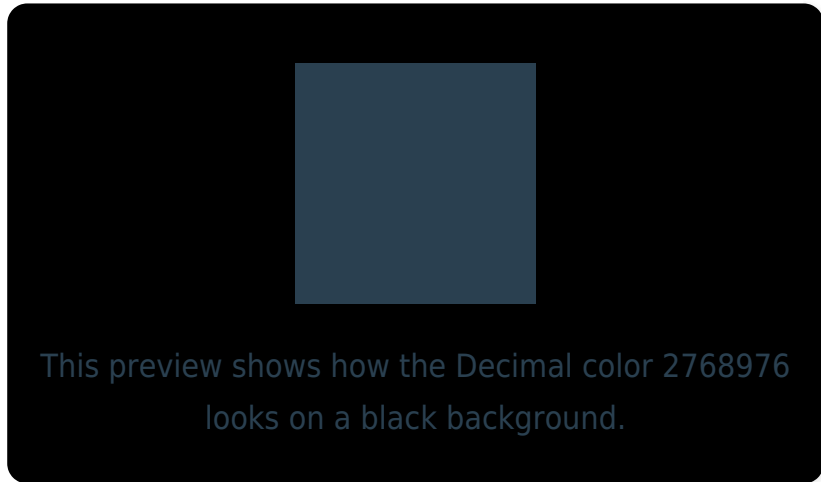
Large Text (above 18pt) WCAG AA ✓ Pass

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

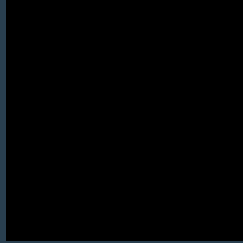
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

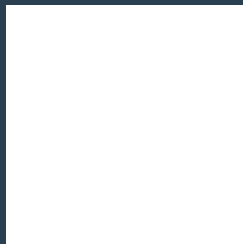
Any Text WCAG AAA × Fail

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

Decimal 2768976 Background



This preview shows how black text looks on a background with the Decimal color 2768976.



This preview shows how white text looks on a background with the Decimal color 2768976.

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
2768976

Protanopia
3751246

Deuteranopia
3750993



Tritanopia
2572871

Trichromacy



Original Color

2768976

Protanomaly

3423823

Deuteranomaly

3423569

Tritanomaly

2638154

Monochromacy



Original Color

2768976

Achromatopsia

3881787

Achromatomaly

3489091

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2768976 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 #2A4050 looks like.

```
.text, #text, p{  
    color:#2A4050  
}
```

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 #2A4050 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A4050
}
```

Border

The CSS property to change the border of an element to Decimal 2768976 is called "border". The border property can be set on classes, ids or directly on the HTML element.

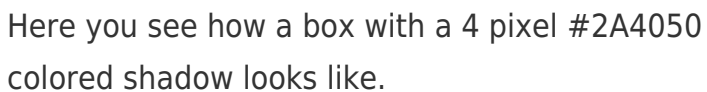
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A4050 }
```

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

```
.border{ border-color:#2A4050 }
```

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



Here you see how a box with a 4 pixel #2A4050 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A4050; -webkit-box-shadow:4px 4px  
4px 4px #2A4050; box-shadow:4px 4px 4px  
4px #2A4050 }
```

Background

The CSS property to change the background color of an element to Decimal 2768976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A4050 }
```

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

```
.background{ background-color:#2A4050 }
```

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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