

Converting Colors

Decimal(2768246)

Have a look what the booklet for
Decimal(2768246) contains.

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Color

Decimal(2768246)

Conversions

Conversions Part 1

Format	Color
Hex	2A3D76
RGB	42, 61, 118
RGB Percent	16%, 24%, 46%
CMY	0.8353, 0.7608, 0.5373
CMYK	0.64, 0.48, 0.00, 0.54
HSL	225°, 48%, 31%
HSV	225°, 64%, 46%
XYZ	5.8936, 5.1377, 17.8206
YIQ	61.8170, -29.6210, 13.6990

Conversions

Conversions Part 2

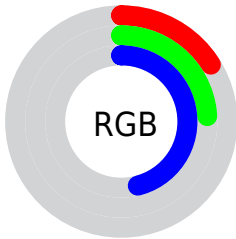
Format	Color
R_{YB}	42, 57, 118
Decimal	2768246
CIE Lab	27.12, 12.02, -35.05
CIE LCh	27, 37.054, 288.936
Yxy	5.1377, 0.2043, 0.1781
Android (android.graphics.Color)	4280958326 (0xFF2A3D76)
YUV	61.8170, 27.6982, -17.3795
Hunter-Lab	22.6666, 6.7458, -30.7476




Details

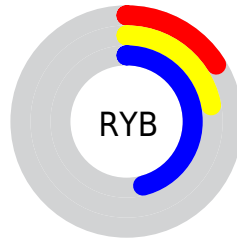
The Decimal color **2768246** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7758634**, and the grayscale version is **4079166**.




A 20% lighter version of the original color is **6253739**, and **5189** is the 20% darker color. If you saturate the color by 10%, you get **1979510**, and if you desaturate by 10%, it is **3556982**.

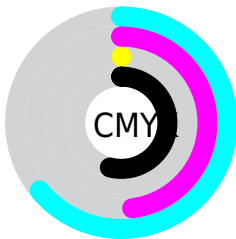
Distribution







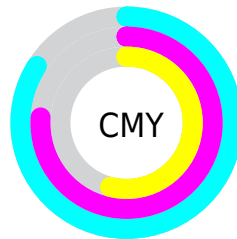
-  Red (16%)
-  Green (24%)
-  Blue (46%)






-  Red (16%)
-  Yellow (22%)
-  Blue (46%)



-  Cyan (64%)
-  Magenta (48%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (84%)
-  Magenta (76%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2768246 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 2768246 by changing the saturation by 10% instead.

■ 2768246

■ 2768246

16777215

■ 534621

■ 6253739

■ 5189

■ 8029638

■ 1070

■ 9805794

■ 281

■ 11647743

■ 0

■ 13489919

■ 15397631

■ 2768246

■ 2768246

■ 1979510

■ 3556982

■ 1190774

■ 4345718

■ 467574

■ 5068918

■ 7542

■ 5857398

■ 6646134

■ 7434870

■ 8223606

■ 8946806

■ 9735542

Harmonies

Analogous

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



18040



2768246



5779558

Triad

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



2768246



6958870



19764

Complementary

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



2768246



7758634

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.



1657368



2768246



5716737

Square

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



2768246



7546159



4015105



19794

Rectangle

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



2768246



6826069



4015105



19499

Sweetspot

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



2768246



8160153



2782819



3882829



13421772



5066061

Same Dimension

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



2768246



2310553



4008566



3487291



8058



16122

Inverse Universe

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



7744061



10036033



6518314



3880246



7995423



16384062

Previews

White Background



This preview shows how the Decimal color 2768246 looks on a white background.

Color Contrast Check

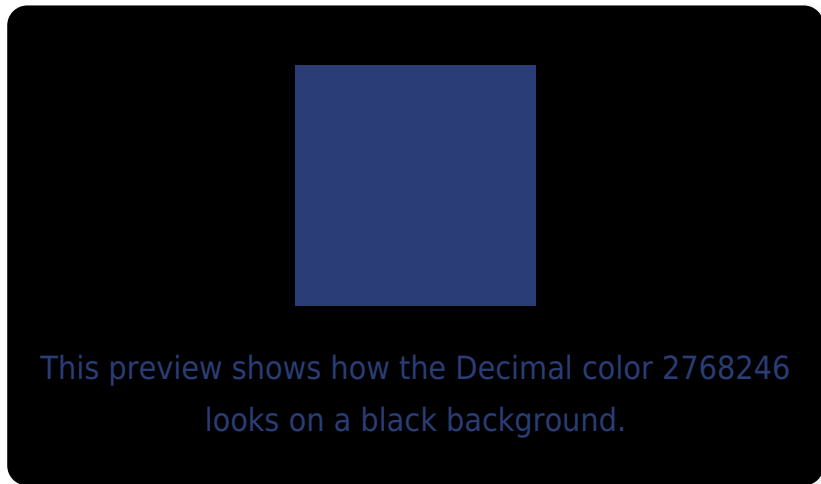
Large Text (above 18pt) WCAG AA ✓ Pass

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

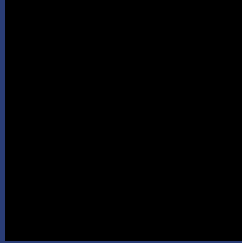
Any Text WCAG AA × Fail

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 2768246 Background



This preview shows how black text looks on a background with the Decimal color 2768246.



This preview shows how white text looks on a background with the Decimal color 2768246.

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](#).

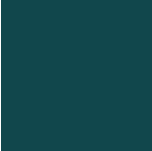
Dichromacy



Original Color
2768246

Protanopia
2244215

Deuteranopia
16755



Tritanopia
1132364

Trichromacy



Original Color
2768246

Protanomaly
2440823

Deuteranomaly
999540

Tritanomaly
1721179

Monochromacy



Original Color
2768246

Achromatopsia
4079166

Achromatomaly
3620434

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2768246 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 #2A3D76 looks like.

```
.text, #text, p{  
  color:#2A3D76  
}
```

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 #2A3D76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A3D76  
}
```

Border

The CSS property to change the border of an element to Decimal 2768246 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  
#2A3D76 }
```

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

```
.border{ border-color:#2A3D76 }
```

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

Here you see how a box with a 4 pixel #2A3D76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A3D76; -webkit-box-shadow:4px 4px  
4px 4px #2A3D76; box-shadow:4px 4px 4px  
4px #2A3D76 }
```

Background

The CSS property to change the background color of an element to Decimal 2768246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A3D76 }
```

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

```
.background{ background-color:#2A3D76 }
```

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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