

Converting Colors

Decimal(2504017)

Have a look what the booklet for
Decimal(2504017) contains.

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Color

Decimal(2504017)

Conversions

Conversions Part 1

Format	Color
Hex	263551
RGB	38, 53, 81
RGB Percent	15%, 21%, 32%
CMY	0.8510, 0.7922, 0.6824
CMYK	0.53, 0.35, 0.00, 0.68
HSL	219°, 36%, 23%
HSV	219°, 53%, 32%
XYZ	3.5576, 3.5524, 8.2827
YIQ	51.7070, -17.9280, 5.5280

Conversions

Conversions Part 2

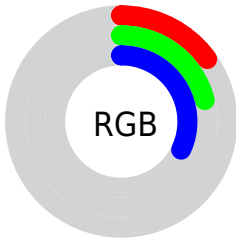
Format	Color
R_{YB}	38, 49, 81
Decimal	2504017
CIE Lab	22.13, 2.89, -19.00
CIE LCh	22, 19.215, 278.649
Yxy	3.5524, 0.2311, 0.2308
Android (android.graphics.Color)	4280694097 (0xFF263551)
YUV	51.7070, 14.4414, -12.0210
Hunter-Lab	18.8477, 0.7097, -12.8620

Details

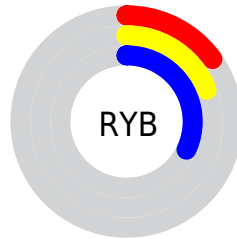
The Decimal color **2504017** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5325350**, and the grayscale version is **3421236**.

A 20% lighter version of the original color is **5661570**, and **2084** is the 20% darker color. If you saturate the color by 10%, you get **1978449**, and if you desaturate by 10%, it is **3029585**.

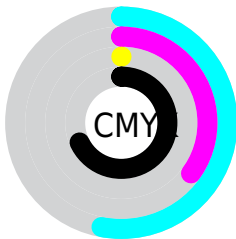
Distribution



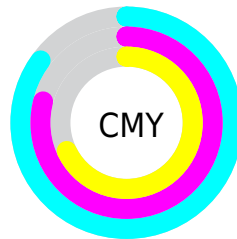
- Red (15%)
- Green (21%)
- Blue (32%)



- Red (15%)
- Yellow (19%)
- Blue (32%)



- Cyan (53%)
- Magenta (35%)
- Yellow (0%)
- Black (68%)



- Cyan (85%)
- Magenta (79%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2504017 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 2504017 by changing the saturation by 10% instead.

■ 2504017

■ 2504017

16777215

■ 925754

■ 5661570

■ 2084

■ 7306397

■ 269

■ 9017016

■ 0

■ 10727891

■ 12569840

■ 14412031

■ 16318463

■ 2504017

■ 2504017

■ 1978449

■ 3029585

■ 1452625

■ 3555409

■ 927057

■ 4080977

■ 401489

■ 4606545

■ 7249

■ 5132113

■ 5723473

■ 6249041

■ 6774609

■ 7300177

Harmonies

Analogous

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



407887



2504017



3944523

Triad

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



2504017



5123108



1588266

Complementary

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



2504017



5325350

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.



2832670



2504017



4600091

Square

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



2504017



5253425



3814680



15417

Rectangle

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



2504017



4598852



3814680



2046758

Sweetspot

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



2504017



5791337



2511170



2830134



11908533



3552822

Same Dimension

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



2504017



2506089



2893393



2434601



9321



20968

Inverse Universe

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



5318197



6891069



4935974



2696486



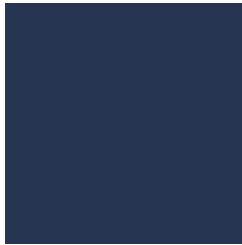
6881316



15204433

Previews

White Background



This preview shows how the Decimal color 2504017 looks on a white background.

Color Contrast Check

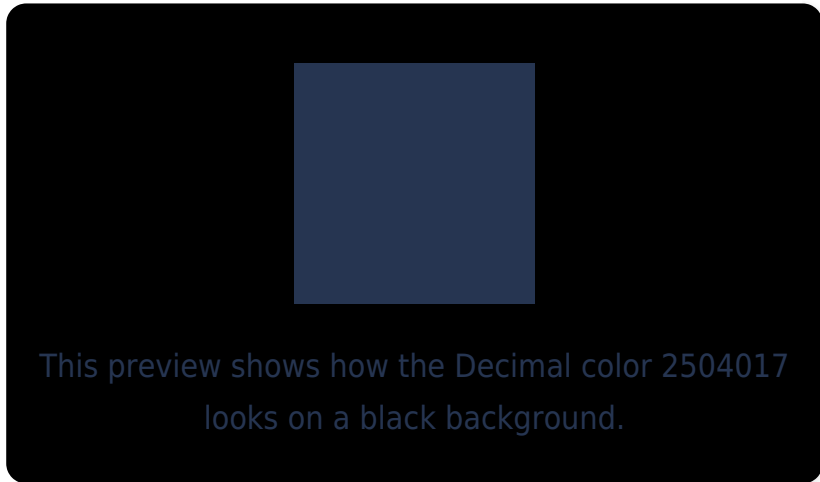
Large Text (above 18pt) WCAG AA ✓ Pass

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

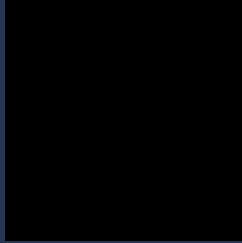
Any Text WCAG AA × Fail

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 2504017 Background



This preview shows how black text looks on a background with the Decimal color 2504017.



This preview shows how white text looks on a background with the Decimal color 2504017.

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
2504017

Protanopia
2831440

Deuteranopia
2569553



Tritanopia
2046270

Trichromacy



Original Color
2504017

Protanomaly
2700368

Deuteranomaly
2569553

Tritanomaly
2242629

Monochromacy



Original Color
2504017

Achromatopsia
3421236

Achromatomaly
3093567

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2504017 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 #263551 looks like.

```
.text, #text, p{  
  color:#263551  
}
```

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 #263551 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #263551
}
```

Border

The CSS property to change the border of an element to Decimal 2504017 is called "border". The border property can be set on classes, ids or directly on the HTML element.

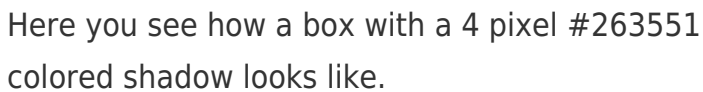
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#263551 }
```

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

```
.border{ border-color:#263551 }
```

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



Here you see how a box with a 4 pixel #263551 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #263551; -webkit-box-shadow:4px 4px  
4px 4px #263551; box-shadow:4px 4px 4px  
4px #263551 }
```

Background

The CSS property to change the background color of an element to Decimal 2504017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#263551 }
```

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

```
.background{ background-color:#263551 }
```

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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