

Converting Colors

Decimal(2503503)

Have a look what the booklet for
Decimal(2503503) contains.

Decimal(2503503)	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(2503503)

Conversions

Conversions Part 1

Format	Color
Hex	26334F
RGB	38, 51, 79
RGB Percent	15%, 20%, 31%
CMY	0.8510, 0.8000, 0.6902
CMYK	0.52, 0.35, 0.00, 0.69
HSL	221°, 35%, 23%
HSV	221°, 52%, 31%
XYZ	3.3944, 3.3442, 7.8637
YIQ	50.3050, -16.7360, 5.9520

Conversions

Conversions Part 2

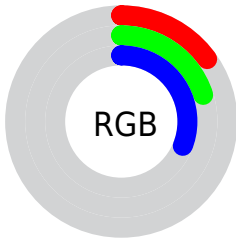
Format	Color
RYB	38, 48, 79
Decimal	2503503
CIELab	21.37, 3.57, -18.85
CIElCh	21, 19.187, 280.713
Yxy	3.3442, 0.2325, 0.2290
Android (android.graphics.Color)	4280693583 (0xFF26334F)
YUV	50.3050, 14.1466, -10.7915
Hunter-Lab	18.2872, 1.1301, -12.6943




Details

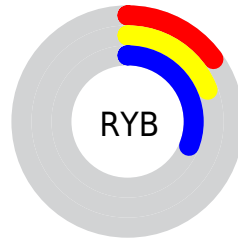
The Decimal color **2503503** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5194278**, and the grayscale version is **3289650**.




A 20% lighter version of the original color is **5661056**, and **1059** is the 20% darker color. If you saturate the color by 10%, you get **1977935**, and if you desaturate by 10%, it is **3029071**.

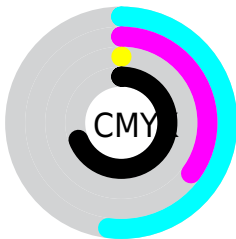
Distribution







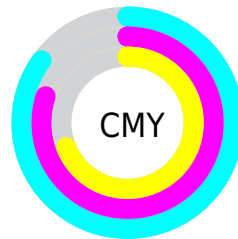
-  Red (15%)
-  Green (20%)
-  Blue (31%)






-  Red (15%)
-  Yellow (19%)
-  Blue (31%)



-  Cyan (52%)
-  Magenta (35%)
-  Yellow (0%)
-  Black (69%)



-  Cyan (85%)
-  Magenta (80%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2503503 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 2503503 by changing the saturation by 10% instead.

■ 2503503

■ 2503503

16777215

■ 925240

■ 5661056

■ 1059

■ 7305882

■ 10

■ 8950965

■ 0

■ 10727121

■ 12503789

■ 14345983

■ 16252927

■ 2503503

■ 2503503

■ 1977935

■ 3029071

■ 1452111

■ 3554895

■ 926543

■ 4080463

■ 400719

■ 4606287

■ 6479

■ 5131855

■ 5591887

■ 6117711

■ 6643279

■ 7169103

Harmonies

Analogous

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



407374



2503503



3878473

Triad

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



2503503



4991522



1391145

Complementary

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



2503503



5194278

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.



2635805



2503503



4468505

Square

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



2503503



5122095



3617815



15160

Rectangle

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



2503503



4532801



3617815



1849637

Sweetspot

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



2503503



5659494



2510657



2698291



11776947



3355443

Same Dimension

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



2503503



2571110



2958927



2237478



8294



18918

Inverse Universe

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



5187123



6694715



4738854



2499108



6684704



15073353

Previews

White Background



This preview shows how the Decimal color 2503503 looks on a white background.

Color Contrast Check

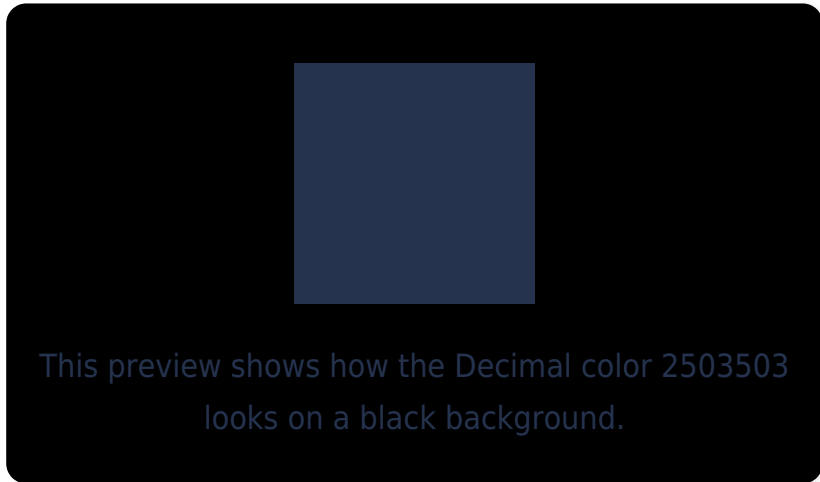
Large Text (above 18pt) WCAG AA ✓ Pass

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

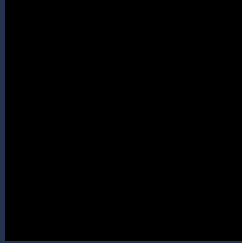
Any Text WCAG AA × Fail

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 2503503 Background



This preview shows how black text looks on a background with the Decimal color 2503503.

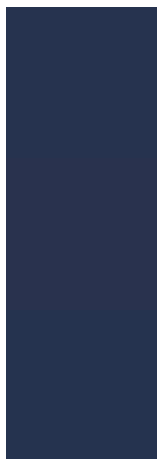


This preview shows how white text looks on a background with the Decimal color 2503503.

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

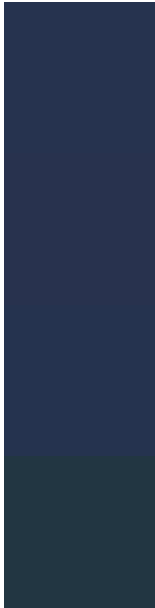


Original Color
2503503

Protanopia
2699854

Deuteranopia
2437967

Trichromacy



Original Color
2503503

Protanomaly
2634318

Deuteranomaly
2437967

Tritanomaly
2242114

Monochromacy



Original Color
2503503

Achromatopsia
3289650

Achromatomaly
3027517

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2503503 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 #26334F looks like.

```
.text, #text, p{  
  color:#26334F  
}
```

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 #26334F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26334F
}
```

Border

The CSS property to change the border of an element to Decimal 2503503 is called "border". The border property can be set on classes, ids or directly on the HTML element.

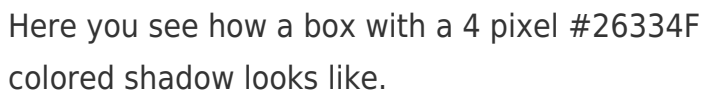
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#26334F }
```

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

```
.border{ border-color:#26334F }
```

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



Here you see how a box with a 4 pixel #26334F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26334F; -webkit-box-shadow:4px 4px  
4px 4px #26334F; box-shadow:4px 4px 4px  
4px #26334F }
```

Background

The CSS property to change the background color of an element to Decimal 2503503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26334F }
```

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

```
.background{ background-color:#26334F }
```

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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