

Converting Colors

Decimal(2507403)

Have a look what the booklet for
Decimal(2507403) contains.

Decimal(2507403)	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(2507403)

Conversions

Conversions Part 1

Format	Color
Hex	26428B
RGB	38, 66, 139
RGB Percent	15%, 26%, 55%
CMY	0.8510, 0.7412, 0.4549
CMYK	0.73, 0.53, 0.00, 0.45
HSL	223°, 57%, 35%
HSV	223°, 73%, 55%
XYZ	7.4077, 6.1726, 25.2271
YIQ	65.9500, -40.1210, 16.7670

Conversions

Conversions Part 2

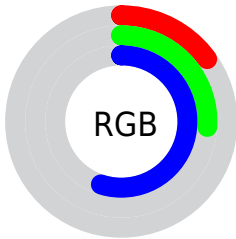
Format	Color
R_{YB}	38, 60, 139
Decimal	2507403
CIE _{Lab}	29.84, 15.97, -43.80
CIE _{LCh}	30, 46.619, 290.038
Yxy	6.1726, 0.1909, 0.1591
Android (android.graphics.Color)	4280697483 (0xFF26428B)
YUV	65.9500, 36.0136, -24.5122
Hunter-Lab	24.8447, 9.7438, -42.8113

Details

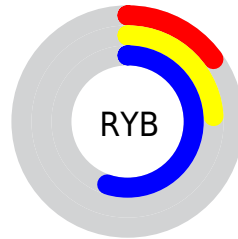
The Decimal color **2507403** is a dark color, and the websafe version is hex **333366**, and the color name is **dark cornflower blue**. A complement of this color would be **9137958**, and the grayscale version is **4342338**.

A 20% lighter version of the original color is **6386113**, and **6232** is the 20% darker color. If you saturate the color by 10%, you get **1587339**, and if you desaturate by 10%, it is **3427467**.

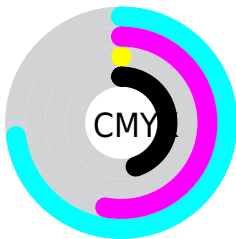
Distribution



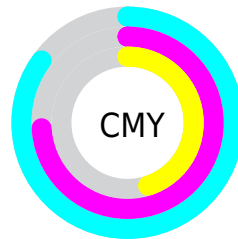
- Red (15%)
- Green (26%)
- Blue (55%)



- Red (15%)
- Yellow (24%)
- Blue (55%)



- Cyan (73%)
- Magenta (53%)
- Yellow (0%)
- Black (45%)



- Cyan (85%)
- Magenta (74%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2507403 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 2507403 by changing the saturation by 10% instead.

■ 2507403

■ 2507403

16777215

■ 11377

■ 6386113

■ 6232

■ 8162269

■ 64

■ 10003962

■ 809

■ 11911423

■ 275

■ 13753599

■ 0

■ 15726847

■ 2507403

■ 2507403

■ 1587339

■ 3427467

■ 667275

■ 4347531

■ 10123

■ 5267595

■ 6187659

■ 7107723

■ 7962251

■ 8882315

■ 9802379

■ 10722443

Harmonies

Analogous

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



20110



2507403



6631541

Triad

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



2507403



7942157



22073

Complementary

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



2507403



9137958

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.



348690



2507403



6307840

Square

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



2507403



8724272



4148224



22110

Rectangle

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



2507403



8004448



4148224



21804

Sweetspot

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



2507403



9279669



2526062



4475740



14408667



6052956

Same Dimension

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



2507403



1590197



3942027



4079685



9605



261

Inverse Universe

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



9119298



11868227



7703334



4537920



8716325



327681

Previews

White Background



This preview shows how the Decimal color 2507403 looks on a white background.

Color Contrast Check

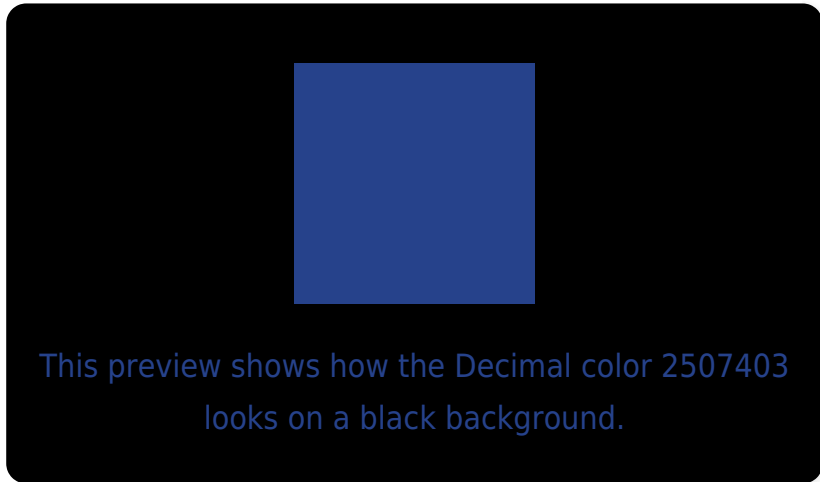
Large Text (above 18pt) WCAG AA ✓ Pass

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

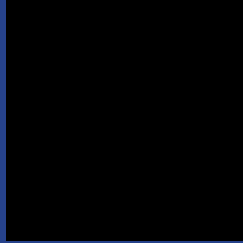
Any Text WCAG AA × Fail

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 2507403 Background



This preview shows how black text looks on a background with the Decimal color 2507403.



This preview shows how white text looks on a background with the Decimal color 2507403.

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



Trichromacy



Original Color
2507403

Protanomaly
1786764

Deuteranomaly
935554

Tritanomaly
936552

Monochromacy



Original Color
2507403

Achromatopsia
4342338

Achromatomaly
3687005

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2507403 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 #26428B looks like.

```
.text, #text, p{  
  color:#26428B  
}
```

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 #26428B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26428B
}
```

Border

The CSS property to change the border of an element to Decimal 2507403 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
#26428B }
```

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

```
.border{ border-color:#26428B }
```

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

Here you see how a box with a 4 pixel #26428B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26428B; -webkit-box-shadow:4px 4px  
4px 4px #26428B; box-shadow:4px 4px 4px  
4px #26428B }
```

Background

The CSS property to change the background color of an element to Decimal 2507403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26428B }
```

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

```
.background{ background-color:#26428B }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor