

# Converting Colors

Decimal(2500231)

Have a look what the booklet for  
Decimal(2500231) contains.

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# Color

**Decimal(2500231)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	262687
RGB	38, 38, 135
RGB Percent	15%, 15%, 53%
CMY	0.8510, 0.8510, 0.4706
CMYK	0.72, 0.72, 0.00, 0.47
HSL	240°, 56%, 34%
HSV	240°, 72%, 53%
XYZ	5.8656, 3.5476, 23.2973
YIQ	49.0580, -31.1370, 30.1670

# Conversions

## Conversions Part 2

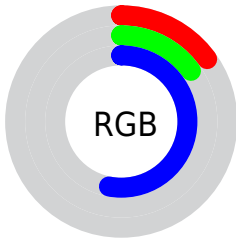
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 38, 135
Decimal	2500231
CIE <sub>Lab</sub>	22.12, 33.30, -53.91
CIE <sub>LCh</sub>	22, 63.361, 301.704
Yxy	3.5476, 0.1793, 0.1085
Android (android.graphics.Color)	4280690311 (0xFF262687)
YUV	49.0580, 42.3694, -9.6979
Hunter-Lab	18.8350, 22.6275, -60.1522

# Details

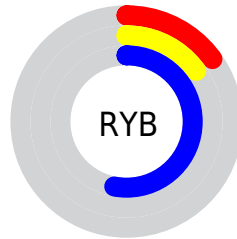
The Decimal color **2500231** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8881958**, and the grayscale version is **3223857**.

A 20% lighter version of the original color is **6444221**, and **84** is the 20% darker color. If you saturate the color by 10%, you get **1644935**, and if you desaturate by 10%, it is **3421319**.

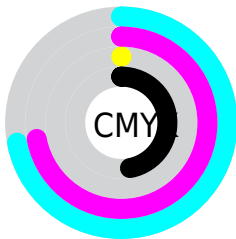
# Distribution



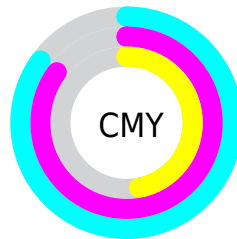
- Red (15%)
- Green (15%)
- Blue (53%)



- Red (15%)
- Yellow (15%)
- Blue (53%)



- Cyan (72%)
- Magenta (72%)
- Yellow (0%)
- Black (47%)



- Cyan (85%)
- Magenta (85%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2500231 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 2500231 by changing the saturation by 10% instead.





2500231



2500231

16777215



4461



6444221



84



8285401



1596



10127094



549



12034303



270



13941759



0



15849471



16774399



2500231



2500231

■ 1644935

■ 3421319

■ 723847

■ 4276615

■ 135

■ 5197703

■ 6052999

■ 6974087

■ 7829383

■ 8750471

■ 9605767

■ 10526855

# Harmonies

## Analogous

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



15510



2500231



7077987

# Triad

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



2500231



6561024



17975

# Complementary

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



2500231



8881958

# 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.



17408



2500231



4207872

# Square

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



2500231



8060930



212736



18022

# Rectangle

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



2500231



8192068



212736



17702



# Sweetspot

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



2500231



9013680



2525063



4342361



14277081



5855577



# Same Dimension

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



2500231



1644976



5711495



3947586



130



3



# Inverse Universe

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



8857223



11540912



5736230



4340802



8519810

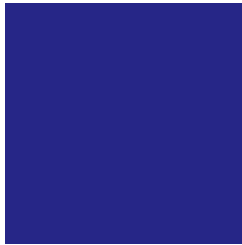


196611



# Previews

## White Background



This preview shows how the Decimal color 2500231 looks on a white background.

## Color Contrast Check

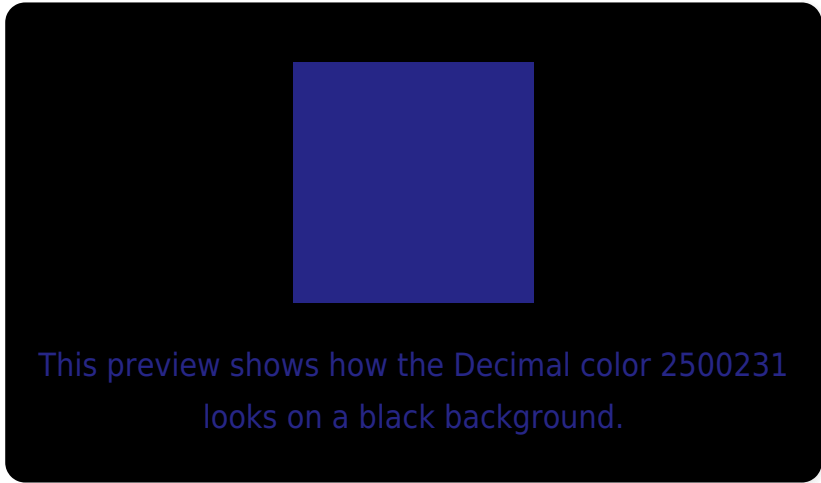
Large Text (above 18pt) WCAG AA ✓ Pass

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

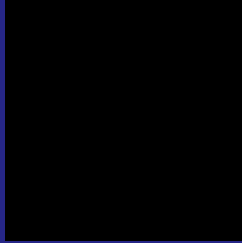
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 2500231 Background



This preview shows how black text looks on a background with the Decimal color 2500231.



This preview shows how white text looks on a background with the Decimal color 2500231.

# 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





**Tritanopia**  
15167

# Trichromacy



**Original Color**  
2500231

**Protanomaly**  
929398

**Deuteranomaly**  
930156

**Tritanomaly**  
930649

# Monochromacy



**Original Color**  
2500231

**Achromatopsia**  
3223857

**Achromatomaly**  
2960720

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2500231 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 #262687 looks like.

```
.text, #text, p{  
    color:#262687  
}
```

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 #262687 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #262687
}
```

## Border

The CSS property to change the border of an element to Decimal 2500231 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
#262687 }
```

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

```
.border{ border-color:#262687 }
```

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

Here you see how a box with a 4 pixel #262687 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #262687; -webkit-box-shadow:4px 4px  
4px 4px #262687; box-shadow:4px 4px 4px  
4px #262687 }
```

# Background

The CSS property to change the background color of an element to Decimal 2500231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#262687 }
```

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

```
.background{ background-color:#262687 }
```

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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