

Converting Colors

Decimal(2437501)

Have a look what the booklet for
Decimal(2437501) contains.

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Color

Decimal(2437501)

Conversions

Conversions Part 1

Format	Color
Hex	25317D
RGB	37, 49, 125
RGB Percent	15%, 19%, 49%
CMY	0.8549, 0.8078, 0.5098
CMYK	0.70, 0.61, 0.00, 0.51
HSL	232°, 54%, 32%
HSV	232°, 70%, 49%
XYZ	5.5629, 4.0706, 19.8945
YIQ	54.0760, -31.5480, 21.0920

Conversions

Conversions Part 2

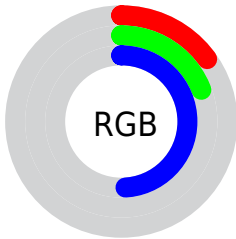
Format	Color
R_{YB}	37, 48, 125
Decimal	2437501
CIE _{Lab}	23.90, 22.13, -44.69
CIE _{LCh}	24, 49.870, 296.346
Yxy	4.0706, 0.1884, 0.1379
Android (android.graphics.Color)	4280627581 (0xFF25317D)
YUV	54.0760, 34.9655, -14.9757
Hunter-Lab	20.1757, 13.9091, -44.3406

Details

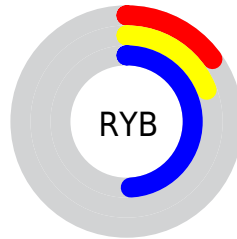
The Decimal color **2437501** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8220965**, and the grayscale version is **3552822**.

A 20% lighter version of the original color is **6184882**, and **1355** is the 20% darker color. If you saturate the color by 10%, you get **1582717**, and if you desaturate by 10%, it is **3226749**.

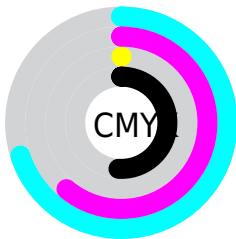
Distribution



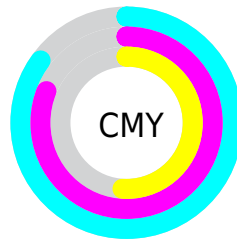
- Red (15%)
- Green (19%)
- Blue (49%)



- Red (15%)
- Yellow (19%)
- Blue (49%)



- Cyan (70%)
- Magenta (61%)
- Yellow (0%)
- Black (51%)



- Cyan (85%)
- Magenta (81%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2437501 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 2437501 by changing the saturation by 10% instead.

■ 2437501

■ 2437501

16777215

■ 7268

■ 6184882

■ 1355

■ 7960782

■ 1076

■ 9802219

■ 542

■ 11644159

■ 0

■ 13486079

■ 15393791

■ 2437501

■ 2437501

■ 1582717

■ 3226749

■ 793469

■ 4081533

■ 4477

■ 4870525

■ 5725309

■ 6514557

■ 7369341

■ 8224125

■ 9013117

■ 9802365

Harmonies

Analogous

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



16261



2437501



6297955

Triad

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



2437501



6693888



18483

Complementary

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



2437501



8220965

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.



17929



2437501



4929024

Square

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



2437501



7735066



2572288



18521

Rectangle

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



2437501



7405900



2572288



18214

Sweetspot

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



2437501



8488611



2456944



4014162



13750737



5395026

Same Dimension

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



2437501



1715619



4466045



3750464



4480



0

Inverse Universe

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



8201521



10689069



6192421



4208954



8388625



0

Previews

White Background



This preview shows how the Decimal color 2437501 looks on a white background.

Color Contrast Check

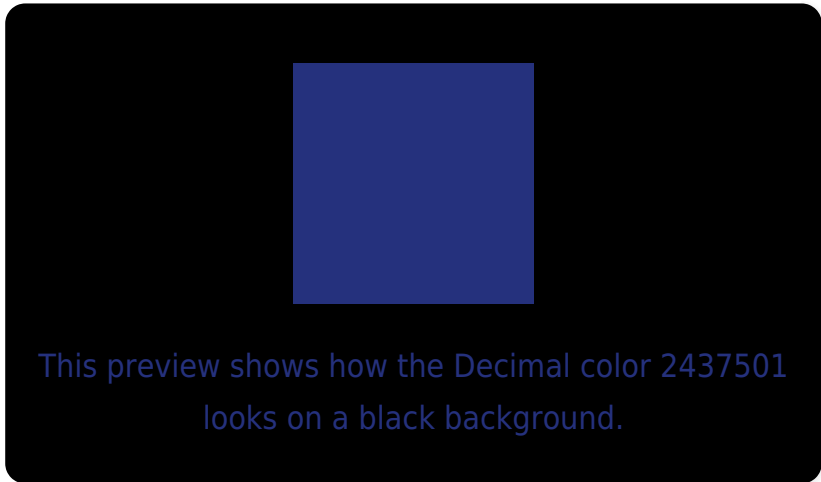
Large Text (above 18pt) WCAG AA ✓ Pass

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

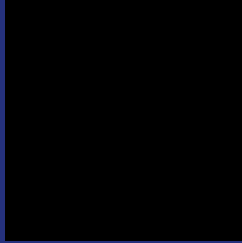
Any Text WCAG AA × Fail

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 2437501 Background



This preview shows how black text looks on a background with the Decimal color 2437501.




This preview shows how white text looks on a background with the Decimal color 2437501.

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
16196

Trichromacy



Original Color
2437501

Protanomaly
865655

Deuteranomaly
866157

Tritanomaly
866905

Monochromacy



Original Color
2437501

Achromatopsia
3552822

Achromatomaly
3159120

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2437501 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 #25317D looks like.

```
.text, #text, p{  
    color:#25317D  
}
```

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 #25317D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25317D
}
```

Border

The CSS property to change the border of an element to Decimal 2437501 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".

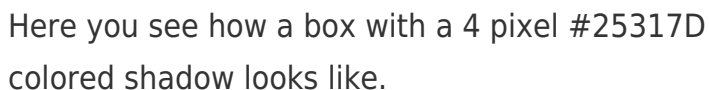
```
.border, #border, table{ border:4px solid
#25317D }
```

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

```
.border{ border-color:#25317D }
```

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

Here you see how a box with a 4 pixel #25317D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25317D; -webkit-box-shadow:4px 4px  
4px 4px #25317D; box-shadow:4px 4px 4px  
4px #25317D }
```

Background

The CSS property to change the background color of an element to Decimal 2437501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25317D }
```

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

```
.background{ background-color:#25317D }
```

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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