

# Converting Colors

Decimal(2424943)

Have a look what the booklet for  
Decimal(2424943) contains.

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**Color**

**Decimal(2424943)**

# Conversions

## Conversions Part 1

Format	Color
Hex	25006F
RGB	37, 0, 111
RGB Percent	15%, 0%, 44%
CMY	0.8549, 1.0000, 0.5647
CMYK	0.67, 1.00, 0.00, 0.56
HSL	260°, 100%, 22%
HSV	260°, 100%, 44%
XYZ	3.6322, 1.5410, 15.1449
YIQ	23.7170, -13.5790, 42.3650

# Conversions

## Conversions Part 2

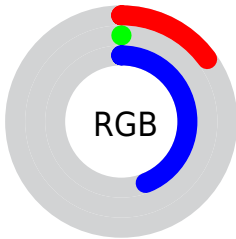
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 0, 111
Decimal	2424943
CIE <sub>Lab</sub>	12.87, 43.99, -53.86
CIE <sub>LCh</sub>	13, 69.538, 309.243
Yxy	1.5410, 0.1788, 0.0758
Android (android.graphics.Color)	4280615023 (0xFF25006F)
YUV	23.7170, 43.0305, 11.6492
Hunter-Lab	12.4138, 30.5040, -63.6449

# Details

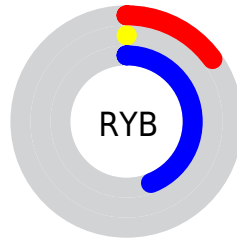
The Decimal color **2424943** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4878080**, and the grayscale version is **1513239**.

A 20% lighter version of the original color is **6173604**, and **62** is the 20% darker color. If you saturate the color by 10%, you get **2424943**, and if you desaturate by 10%, it is **2886511**.

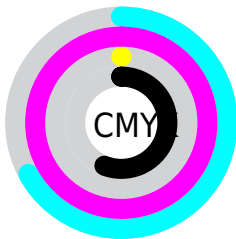
# Distribution



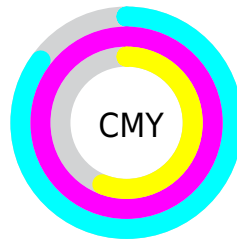
- Red (15%)
- Green (0%)
- Blue (44%)



- Red (15%)
- Yellow (0%)
- Blue (44%)



- Cyan (67%)
- Magenta (100%)
- Yellow (0%)
- Black (56%)



- Cyan (85%)
- Magenta (100%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2424943 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 2424943 by changing the saturation by 10% instead.



 2424943

 2424943

 16772607

 86

 6173604

 62

 8015039

 807

 9856476

 272

 11698169

 0

 13605375

 15578623

 16765183

 2424943

■ 2886511

■ 3413615

■ 3875183

■ 4402287

■ 4864111

■ 5325679

■ 5852783

■ 6314351

■ 6841455

# Harmonies

## Analogous

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



10118



2424943



6291525

# Triad

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



2424943



4460032



12592

# Complementary

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



2424943



4878080

# 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.



12032



2424943



1910016

# Square

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



2424943



6291456



11520



13151

# Rectangle

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



2424943



7012389



11520



12319



# Sweetspot

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



2424943



7628433



19055



3682122



13224393



4868682



# Same Dimension

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



2424943



3145873



6094959



3420728



2621560



5374199



# Inverse Universe

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



7274570



9502817



1208064



3682870



7864400

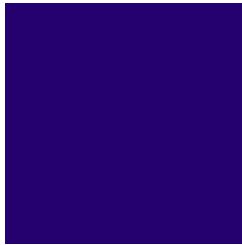


16187557



# Previews

## White Background



This preview shows how the Decimal color 2424943 looks on a white background.

## Color Contrast Check

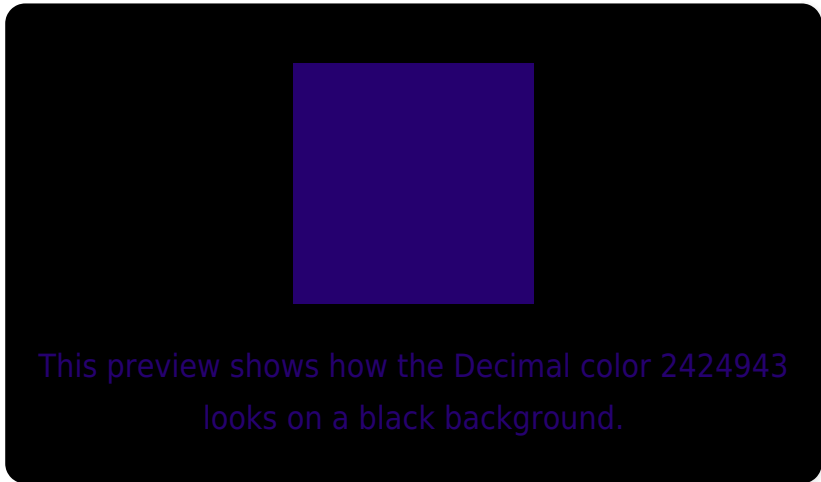
Large Text (above 18pt) WCAG AA ✓ Pass

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

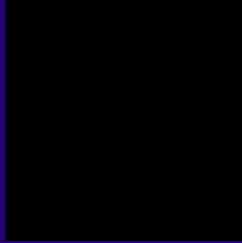
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 2424943 Background



This preview shows how black text looks on a background with the Decimal color 2424943.



This preview shows how white text looks on a background with the Decimal color 2424943.

# 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**  
2424943

**Protanopia**  
9292

**Deuteranopia**  
10049



**Tritanopia**  
10796

# Trichromacy



**Original Color**  
2424943

**Protanomaly**  
857945

**Deuteranomaly**  
858450

**Tritanomaly**  
858948

# Monochromacy



**Original Color**  
2424943

**Achromatopsia**  
1579032

**Achromatomaly**  
1904440

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2424943 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 #25006F looks like.

```
.text, #text, p{  
    color:#25006F  
}
```

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 #25006F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25006F
}
```

## Border

The CSS property to change the border of an element to Decimal 2424943 is called "border". The border property can be set on classes, ids or directly on the HTML element.

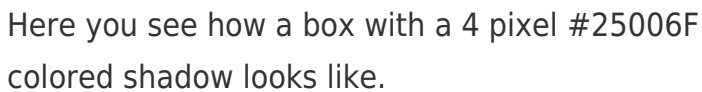
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#25006F }
```

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

```
.border{ border-color:#25006F }
```

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



Here you see how a box with a 4 pixel #25006F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25006F; -webkit-box-shadow:4px 4px  
4px 4px #25006F; box-shadow:4px 4px 4px  
4px #25006F }
```

# Background

The CSS property to change the background color of an element to Decimal 2424943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25006F }
```

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

```
.background{ background-color:#25006F }
```

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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