

Converting Colors

Decimal(2425054)

Have a look what the booklet for
Decimal(2425054) contains.

Decimal(2425054)	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(2425054)

Conversions

Conversions Part 1

Format	Color
Hex	2500DE
RGB	37, 0, 222
RGB Percent	15%, 0%, 87%
CMY	0.8549, 1.0000, 0.1294
CMYK	0.83, 1.00, 0.00, 0.13
HSL	250°, 100%, 44%
HSV	250°, 100%, 87%
XYZ	13.9478, 5.6672, 69.4660
YIQ	36.3710, -49.2100, 76.8860

Conversions

Conversions Part 2

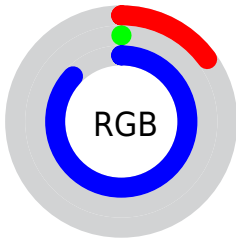
Format	Color
R _Y B	37, 0, 222
Decimal	2425054
CIE Lab	28.56, 71.67, -95.35
CIE LCh	29, 119.286, 306.931
Yxy	5.6672, 0.1566, 0.0636
Android (android.graphics.Color)	4280615134 (0xFF2500DE)
YUV	36.3710, 91.5151, 0.5516
Hunter-Lab	23.8060, 62.9216, -156.3445

Details

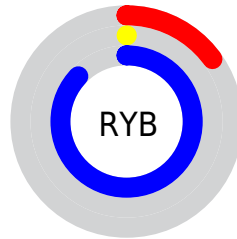
The Decimal color **2425054** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **12180992**, and the grayscale version is **2368548**.

A 20% lighter version of the original color is **7947519**, and **165** is the 20% darker color. If you saturate the color by 10%, you get **2425054**, and if you desaturate by 10%, it is **3675870**.

Distribution



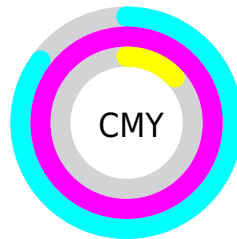
- Red (15%)
- Green (0%)
- Blue (87%)



- Red (15%)
- Yellow (0%)
- Blue (87%)



- Cyan (83%)
- Magenta (100%)
- Yellow (0%)
- Black (13%)






















- Cyan (85%)
- Magenta (100%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2425054 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 2425054 by changing the saturation by 10% instead.

 2425054	 2425054
 16777215	 193
 7947519	 165
 10182655	 138
 12286719	 879
 14390783	 3157
 16495103	 1597
 16764671	 806
 16772095	 271
	 0

■ 2425054

■ 3675870

■ 4861150

■ 6112222

■ 7297502

■ 8548318

■ 9733598

■ 10984414

■ 12169950

■ 13420766

Harmonies

Analogous

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



21247



2425054



11862158

Triad

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



2425054



8983040



23896

Complementary

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



2425054



12180992

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.



23040



2425054



4212736

Square

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



2425054



12255232



22016



24757

Rectangle

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



2425054



13500498



22016



23607

Sweetspot

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



2425054



12563455



47582



5853824



0



8421504

Same Dimension

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



2425054



2818303



9699550



6776176



1900720



524336

Inverse Universe

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



14549177



16711893



4906496



7365998



11534483



3145768

Previews

White Background



This preview shows how the Decimal color 2425054 looks on a white background.

Color Contrast Check

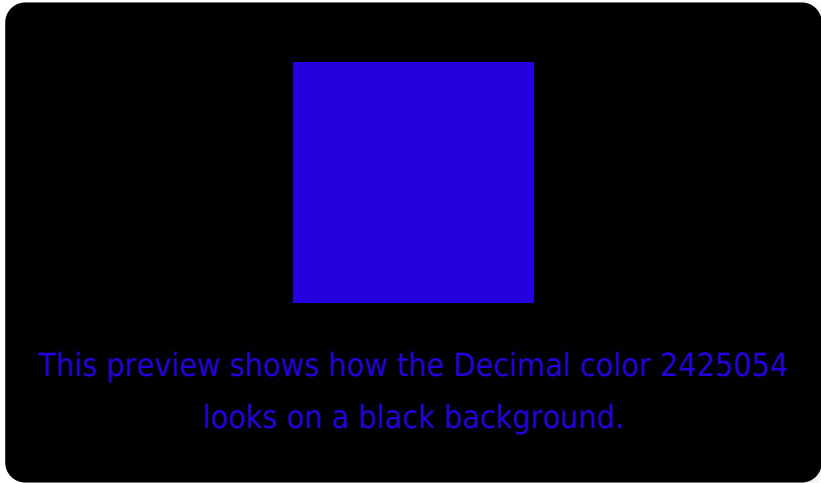
Large Text (above 18pt) WCAG AA ✓ Pass

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

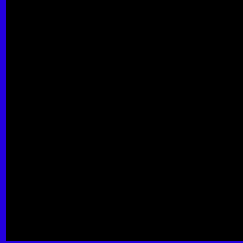
Any Text WCAG AA × Fail

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 2425054 Background



This preview shows how black text looks on a background with the Decimal color 2425054.



This preview shows how white text looks on a background with the Decimal color 2425054.

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
2425054

Protanomaly
863146

Deuteranomaly
863644

Tritanomaly
864644

Monochromacy



Original Color
2425054

Achromatopsia
2368548

Achromatomaly
2365288

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2425054 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 #2500DE looks like.

```
.text, #text, p{  
    color:#2500DE  
}
```

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 #2500DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2500DE
}
```

Border

The CSS property to change the border of an element to Decimal 2425054 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
#2500DE }
```

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

```
.border{ border-color:#2500DE }
```

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

Here you see how a box with a 4 pixel #2500DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2500DE; -webkit-box-shadow:4px 4px  
4px 4px #2500DE; box-shadow:4px 4px 4px  
4px #2500DE }
```

Background

The CSS property to change the background color of an element to Decimal 2425054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2500DE }
```

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

```
.background{ background-color:#2500DE }
```

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