

Converting Colors

Decimal(2424859)

Have a look what the booklet for
Decimal(2424859) contains.

Decimal(2424859)	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(2424859)

Conversions

Conversions Part 1

Format	Color
Hex	25001B
RGB	37, 0, 27
RGB Percent	15%, 0%, 11%
CMY	0.8549, 1.0000, 0.8941
CMYK	0.00, 1.00, 0.27, 0.85
HSL	316°, 100%, 7%
HSV	316°, 100%, 15%
XYZ	0.9608, 0.4724, 1.0775
YIQ	14.1410, 13.3850, 16.2410

Conversions

Conversions Part 2

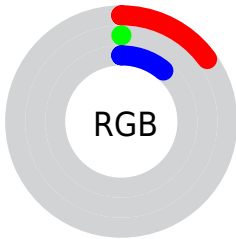
Format	Color
R_{YB}	37, 0, 27
Decimal	2424859
CIE _{Lab}	4.27, 20.75, -7.99
CIE _{LCh}	4, 22.236, 338.930
Y _{xy}	0.4724, 0.3827, 0.1882
Android (android.graphics.Color)	4280614939 (0xFF25001B)
YUV	14.1410, 6.3395, 20.0473
Hunter-Lab	6.8735, 12.9223, -4.4827

Details

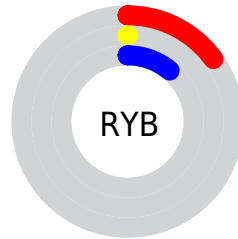
The Decimal color **2424859** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **9482**, and the grayscale version is **921102**.

A 20% lighter version of the original color is **5385798**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **2424859**, and if you desaturate by 10%, it is **2425884**.

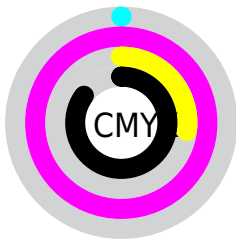
Distribution



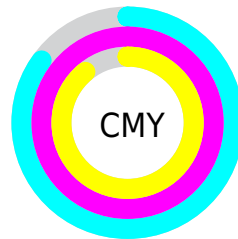
- Red (15%)
- Green (0%)
- Blue (11%)



- Red (15%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (27%)
- Black (85%)



- Cyan (85%)
- Magenta (100%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2424859 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 2424859 by changing the saturation by 10% instead.

 2424859

 2424859

 16769534

 0

 5385798

 7030110

 8740214

 10450320

 12226474

 14068422

 15975906

 2424859

■ 2425884

■ 2426653

■ 2427678

■ 2428703

■ 2429728

■ 2430497

■ 2431522

■ 2432547

■ 2433316

Harmonies

Analogous

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



1509159



2424859



2752520

Triad

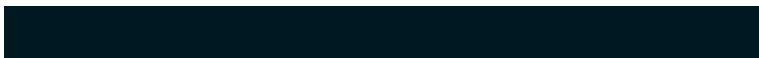
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2424859



921600



6178

Complementary

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



2424859



9482

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.



6164



2424859



5632

Square

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



2424859



2033920



6144



5419

Rectangle

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



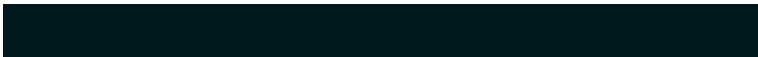
2424859



2752512



6144



6174

Sweetspot

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



2424859



3154477



655397



1708055



10066329



1710618

Same Dimension

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



2424859



3145763



2424841



1183761



5374012



13697177

Inverse Universe

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



2424859



3145763



9500



1183761



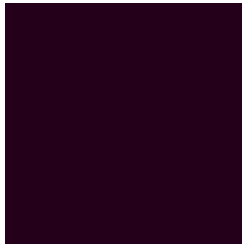
5374012



13697177

Previews

White Background



This preview shows how the Decimal color 2424859 looks on a white background.

Color Contrast Check

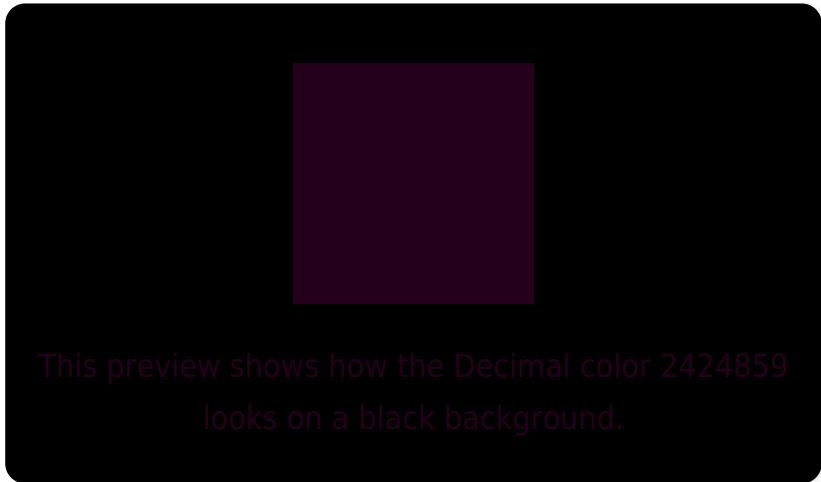
Large Text (above 18pt) WCAG AA ✓ Pass

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

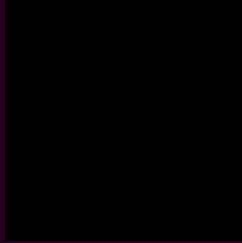
Any Text WCAG AA × Fail

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 2424859 Background



This preview shows how black text looks on a background with the Decimal color 2424859.



This preview shows how white text looks on a background with the Decimal color 2424859.

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
2424859

Protanopia
594726

Deuteranopia
1250329

Trichromacy



Original Color
2424859

Protanomaly
1248290

Deuteranomaly
1707290

Tritanomaly
2361105

Monochromacy



Original Color
2424859

Achromatopsia
921102

Achromatomaly
1444115

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2424859 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 #25001B looks like.

```
.text, #text, p{  
    color:#25001B  
}
```

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 #25001B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25001B
}
```

Border

The CSS property to change the border of an element to Decimal 2424859 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
#25001B }
```

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

```
.border{ border-color:#25001B }
```

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

Here you see how a box with a 4 pixel #25001B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25001B; -webkit-box-shadow:4px 4px  
4px 4px #25001B; box-shadow:4px 4px 4px  
4px #25001B }
```

Background

The CSS property to change the background color of an element to Decimal 2424859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25001B }
```

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

```
.background{ background-color:#25001B }
```

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