

Converting Colors

Decimal(2432480)

Have a look what the booklet for
Decimal(2432480) contains.

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Color

Decimal(2432480)

Conversions

Conversions Part 1

Format	Color
Hex	251DE0
RGB	37, 29, 224
RGB Percent	15%, 11%, 88%
CMY	0.8549, 0.8863, 0.1216
CMYK	0.83, 0.87, 0.00, 0.12
HSL	242°, 77%, 50%
HSV	242°, 87%, 88%
XYZ	14.6569, 6.6539, 71.0328
YIQ	53.6220, -57.8270, 62.3410

Conversions

Conversions Part 2

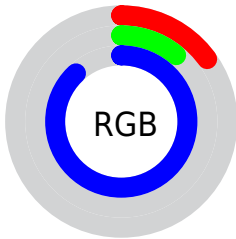
Format	Color
R_{YB}	37, 29, 224
Decimal	2432480
CIE _{Lab}	31.01, 65.51, -92.41
CIE _{LCh}	31, 113.281, 305.334
Yxy	6.6539, 0.1587, 0.0721
Android (android.graphics.Color)	4280622560 (0xFF251DE0)
YUV	53.6220, 83.9964, -14.5775
Hunter-Lab	25.7951, 56.2830, -145.2124

Details

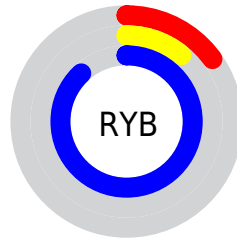
The Decimal color **2432480** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **14213149**, and the grayscale version is **3487029**.

A 20% lighter version of the original color is **7951103**, and **167** is the 20% darker color. If you saturate the color by 10%, you get **1050592**, and if you desaturate by 10%, it is **3814368**.

Distribution



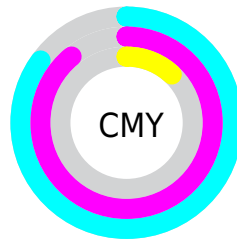
- Red (15%)
- Green (11%)
- Blue (88%)



- Red (15%)
- Yellow (11%)
- Blue (88%)



- Cyan (83%)
- Magenta (87%)
- Yellow (0%)
- Black (12%)






















- Cyan (85%)
- Magenta (89%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2432480 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 2432480 by changing the saturation by 10% instead.

 2432480	 2432480
 16777215	 195
 7951103	 167
 10120447	 140
 12224511	 113
 14328575	 3159
 16432895	 1599
 16767999	 808
 16775423	 274
	 0

■ 2432480

■ 2432480

■ 1050592

■ 3814368

■ 590048

■ 5262048

■ 6643936

■ 8091616

■ 9473504

■ 10920928

■ 12303072

■ 13750496

■ 15132640

Harmonies

Analogous

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



22527



2432480



11796629

Triad

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



2432480



9509120



25432

Complementary

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



2432480



14213149

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.



24576



2432480



5000192

Square

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



2432480



12648448



23552



26289

Rectangle

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



2432480



13566043



23552



25144

Sweetspot

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



2432480



12566015



1956576



5920896



0



8421504

Same Dimension

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



2432480



655615



8723936



6645104



458928



131120

Inverse Universe

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



14687704



16711925



7921693



7366000



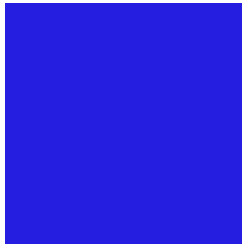
11534505



3145774

Previews

White Background



This preview shows how the Decimal color 2432480 looks on a white background.

Color Contrast Check

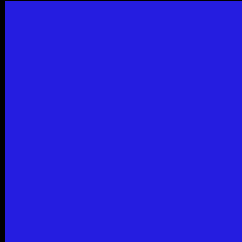
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Decimal color 2432480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

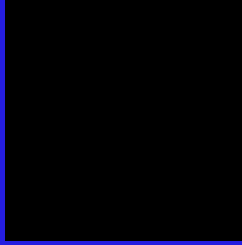
Any Text WCAG AA × Fail

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 2432480 Background



This preview shows how black text looks on a background with the Decimal color 2432480.

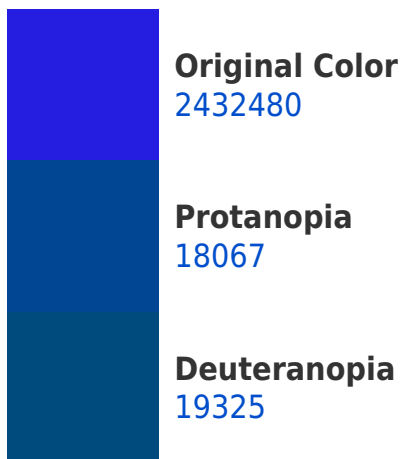


This preview shows how white text looks on a background with the Decimal color 2432480.

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
2432480

Protanomaly
866223

Deuteranomaly
866977

Tritanomaly
867976

Monochromacy



Original Color
2432480

Achromatopsia
3552822

Achromatomaly
3157364

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2432480 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 #251DE0 looks like.

```
.text, #text, p{  
    color:#251DE0  
}
```

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 #251DE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #251DE0
}
```

Border

The CSS property to change the border of an element to Decimal 2432480 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
#251DE0 }
```

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

```
.border{ border-color:#251DE0 }
```

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

Here you see how a box with a 4 pixel #251DE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #251DE0; -webkit-box-shadow:4px 4px  
4px 4px #251DE0; box-shadow:4px 4px 4px  
4px #251DE0 }
```

Background

The CSS property to change the background color of an element to Decimal 2432480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#251DE0 }
```

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

```
.background{ background-color:#251DE0 }
```

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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