

Converting Colors

Decimal(3014837)

Have a look what the booklet for
Decimal(3014837) contains.

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Color

Decimal(3014837)

Conversions

Conversions Part 1

Format	Color
Hex	2E00B5
RGB	46, 0, 181
RGB Percent	18%, 0%, 71%
CMY	0.8196, 1.0000, 0.2902
CMYK	0.75, 1.00, 0.00, 0.29
HSL	255°, 100%, 35%
HSV	255°, 100%, 71%
XYZ	9.4672, 3.9170, 43.9731
YIQ	34.3880, -30.6850, 66.0430

Conversions

Conversions Part 2

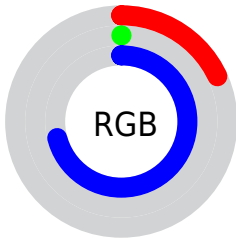
Format	Color
RYB	46, 0, 181
Decimal	3014837
CIELab	23.40, 61.97, -79.91
CIELCh	23, 101.122, 307.792
Yxy	3.9170, 0.1651, 0.0683
Android (android.graphics.Color)	4281204917 (0xFF2E00B5)
YUV	34.3880, 72.2797, 10.1837
Hunter-Lab	19.7915, 50.7498, -117.8776

Details

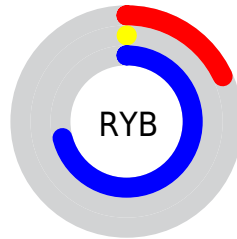
The Decimal color **3014837** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **8893696**, and the grayscale version is **2236962**.

A 20% lighter version of the original color is **7618542**, and **126** is the 20% darker color. If you saturate the color by 10%, you get **3014837**, and if you desaturate by 10%, it is **3871413**.

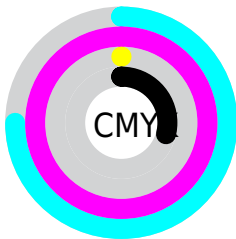
Distribution



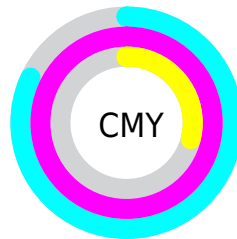
- Red (18%)
- Green (0%)
- Blue (71%)



- Red (18%)
- Yellow (0%)
- Blue (71%)



- Cyan (75%)
- Magenta (100%)
- Yellow (0%)
- Black (29%)



- Cyan (82%)
- Magenta (100%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the Decimal color 3014837 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 3014837 by changing the saturation by 10% instead.

 3014837  3014837

16777215  153

 7618542  126

 9656831  100

 11695103  2379

 13668095  1075

 15706879  541

 16762623  0

 16770047

 3014837

■ 3871413

■ 4793525

■ 5650101

■ 6572213

■ 7429045

■ 8351157

■ 9207733

■ 10129845

■ 11051957

Harmonies

Analogous

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



17111



3014837



9896051

Triad

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



3014837



7345152



20043

Complementary

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



3014837



8893696

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.



19456



3014837



3357696

Square

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



3014837



10092544



18432



20631

Rectangle

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



3014837



11141186



18432



19760

Sweetspot

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



3014837



11969771



34997



5655413



16119285



7697781

Same Dimension

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



3014837



3932395



8913077



5460057



2556057



393242

Inverse Universe

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



11862151



15401135



2995456



5853271



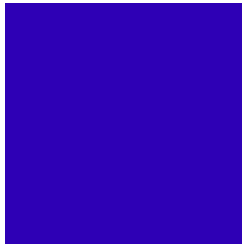
10027122



1703955

Previews

White Background



This preview shows how the Decimal color 3014837 looks on a white background.

Color Contrast Check

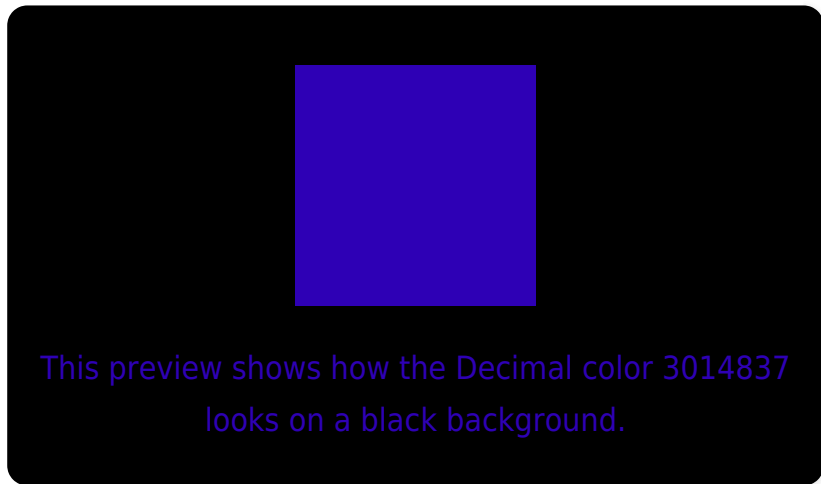
Large Text (above 18pt) WCAG AA ✓ Pass

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

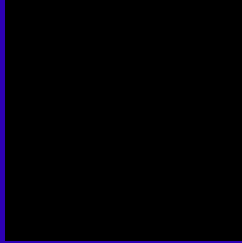
Any Text WCAG AA × Fail

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 3014837 Background



This preview shows how black text looks on a background with the Decimal color 3014837.



This preview shows how white text looks on a background with the Decimal color 3014837.

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
16708

Trichromacy



Original Color
3014837

Protanomaly
1123469

Deuteranomaly
1123969

Tritanomaly
1124717

Monochromacy



Original Color
3014837

Achromatopsia
2236962

Achromatomaly
2496087

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3014837 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 #2E00B5 looks like.

```
.text, #text, p{  
  color:#2E00B5  
}
```

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 #2E00B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E00B5
}
```

Border

The CSS property to change the border of an element to Decimal 3014837 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".

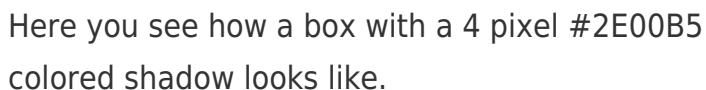
```
.border, #border, table{ border:4px solid
#2E00B5 }
```

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

```
.border{ border-color:#2E00B5 }
```

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

Here you see how a box with a 4 pixel #2E00B5 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E00B5; -webkit-box-shadow:4px 4px  
4px 4px #2E00B5; box-shadow:4px 4px 4px  
4px #2E00B5 }
```

Background

The CSS property to change the background color of an element to Decimal 3014837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E00B5 }
```

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

```
.background{ background-color:#2E00B5 }
```

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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