

Converting Colors

Decimal(2974137)

Have a look what the booklet for
Decimal(2974137) contains.

Decimal(2974137)	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(2974137)

Conversions

Conversions Part 1

Format	Color
Hex	2D61B9
RGB	45, 97, 185
RGB Percent	18%, 38%, 73%
CMY	0.8235, 0.6196, 0.2745
CMYK	0.76, 0.48, 0.00, 0.27
HSL	218°, 61%, 45%
HSV	218°, 76%, 73%
XYZ	14.1138, 12.6101, 47.5890
YIQ	91.4840, -59.2400, 16.3440

Conversions

Conversions Part 2

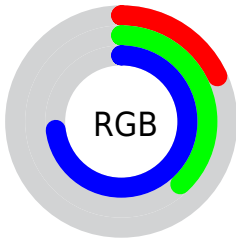
Format	Color
R_{YB}	45, 83, 185
Decimal	2974137
CIE _{Lab}	42.17, 14.04, -51.49
CIE _{LCh}	42, 53.367, 285.254
Yxy	12.6101, 0.1899, 0.1697
Android (android.graphics.Color)	4281164217 (0xFF2D61B9)
YUV	91.4840, 46.1034, -40.7665
Hunter-Lab	35.5106, 8.8019, -54.5991

Details

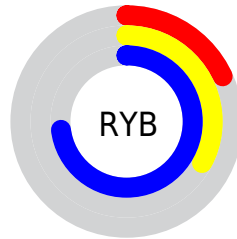
The Decimal color **2974137** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **12158253**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **7246834**, and **13443** is the 20% darker color. If you saturate the color by 10%, you get **1791417**, and if you desaturate by 10%, it is **4222393**.

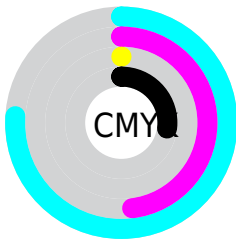
Distribution



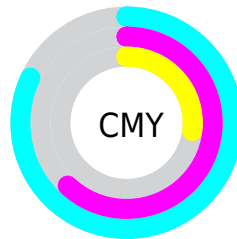
- Red (18%)
- Green (38%)
- Blue (73%)



- Red (18%)
- Yellow (33%)
- Blue (73%)



- Cyan (76%)
- Magenta (48%)
- Yellow (0%)
- Black (27%)



- Cyan (82%)
- Magenta (62%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2974137 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 2974137 by changing the saturation by 10% instead.

■ 2974137

■ 2974137

16777215

■ 19102

■ 7246834

■ 13443

■ 9219583

■ 8297

■ 11127295

■ 1873

■ 13100543

■ 1337

■ 15007743

■ 546

■ 9

■ 0

■ 2974137

■ 2974137

■ 1791417

■ 4222393

■ 543417

■ 5404857

■ 17849

■ 6653113

■ 7835833

■ 9083833

■ 10266553

■ 11514553

■ 12697273

■ 13945529

Harmonies

Analogous

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



28601



2974137



8474018

Triad

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



2974137



10896934



30284

Complementary

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



2974137



12158253

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.



3043871



2974137



9067008

Square

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



2974137



11679311



6514688



30841

Rectangle

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



2974137



10370953



6514688



30013

Sweetspot

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



2974137



12176880



2996611



5661560



16250871



7895160

Same Dimension

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



2974137



1468400



4009401



5461596



15004



2588

Inverse Universe

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



12135777



15734375



11122989



6050646



10223674



1835018

Previews

White Background



This preview shows how the Decimal color 2974137 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 × Fail

Black Background



This preview shows how the Decimal color 2974137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 2974137 Background



This preview shows how black text looks on a background with the Decimal color 2974137.

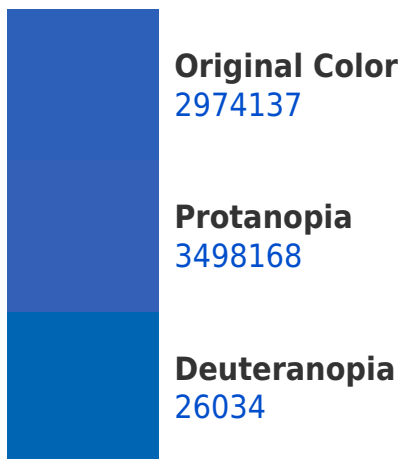


This preview shows how white text looks on a background with the Decimal color 2974137.

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](#).

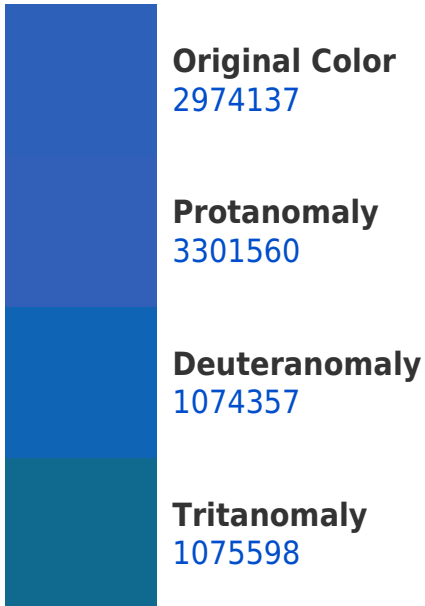
Dichromacy





Tritanopia
28278

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 2974137 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 #2D61B9 looks like.

```
.text, #text, p{  
    color:#2D61B9  
}
```

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 #2D61B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D61B9
}
```

Border

The CSS property to change the border of an element to Decimal 2974137 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
#2D61B9 }
```

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

```
.border{ border-color:#2D61B9 }
```

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

Here you see how a box with a 4 pixel #2D61B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D61B9; -webkit-box-shadow:4px 4px  
4px 4px #2D61B9; box-shadow:4px 4px 4px  
4px #2D61B9 }
```

Background

The CSS property to change the background color of an element to Decimal 2974137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D61B9 }
```

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

```
.background{ background-color:#2D61B9 }
```

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