

# Converting Colors

Decimal(2912741)

Have a look what the booklet for  
Decimal(2912741) contains.

<b>Decimal(2912741)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(2912741)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2C71E5
RGB	44, 113, 229
RGB Percent	17%, 44%, 90%
CMY	0.8275, 0.5569, 0.1020
CMYK	0.81, 0.51, 0.00, 0.10
HSL	218°, 78%, 54%
HSV	218°, 81%, 90%
XYZ	21.0867, 18.0029, 76.4923
YIQ	105.5930, -78.3600, 21.4480

# Conversions

## Conversions Part 2

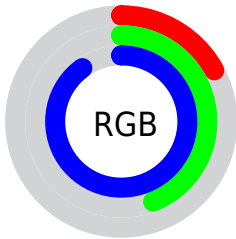
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	44, 94, 229
Decimal	2912741
CIE Lab	49.50, 20.36, -64.86
CIE LCh	49, 67.984, 287.427
Yxy	18.0029, 0.1824, 0.1558
Android (android.graphics.Color)	4281102821 (0xFF2C71E5)
YUV	105.5930, 60.8397, -54.0171
Hunter-Lab	42.4298, 14.4585, -77.1869

# Details

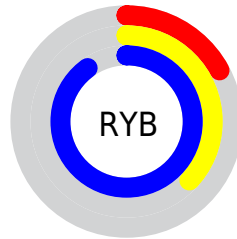
The Decimal color **2912741** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **15048748**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **7841023**, and **17069** is the 20% darker color. If you saturate the color by 10%, you get **1401829**, and if you desaturate by 10%, it is **4423653**.

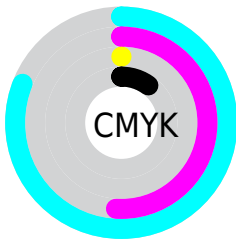
# Distribution



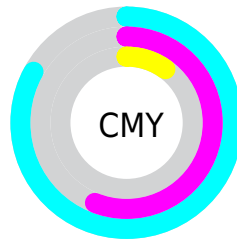
- Red (17%)
- Green (44%)
- Blue (90%)



- Red (17%)
- Yellow (37%)
- Blue (90%)



- Cyan (81%)
- Magenta (51%)
- Yellow (0%)
- Black (10%)



- Cyan (83%)
- Magenta (56%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2912741 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 2912741 by changing the saturation by 10% instead.



■ 2912741

■ 2912741

16777215

■ 22984

■ 7841023

■ 17069

■ 9945087

■ 11665

■ 11983871

■ 7031

■ 14022655

■ 94

■ 16056319

■ 2117

■ 814

■ 280

■ 0

■ 2912741

■ 2912741

■ 1401829

■ 4423653

■ 21989

■ 5934821

■ 7445733

■ 8956645

■ 10402277

■ 11913189

■ 13424357

■ 14935269

■ 16446181

# Harmonies

## Analogous

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



34023



2912741



10573253

# Triad

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



2912741



13127455



36443

# Complementary

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



2912741



15048748

# 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.



1869852



2912741



10643968

# Square

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



2912741



14300247



7306496



36759

# Rectangle

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



2912741



12861347



7306496



35910



# Sweetspot

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



2912741



12769791



2942366



5990528



0



8421504



# Same Dimension

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



2912741



550143



4336869



6777971



17331



4915



# Inverse Universe

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



15019121



16713828



13624620



7563116



11731011

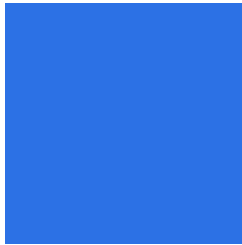


3342355



# Previews

## White Background



This preview shows how the Decimal color 2912741 looks on a white background.

## Color Contrast Check

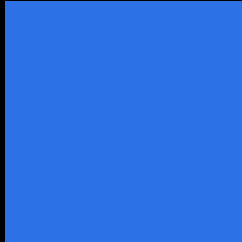
Large Text (above 18pt) WCAG AA ✓ Pass

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 2912741 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

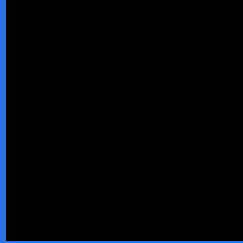
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

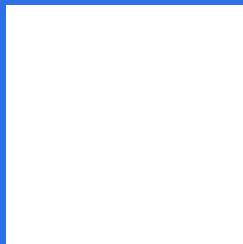
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 2912741 Background



This preview shows how black text looks on a background with the Decimal color 2912741.



This preview shows how white text looks on a background with the Decimal color 2912741.

# 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**  
33419

# Trichromacy



**Original Color**  
2912741

**Protanomaly**  
2978277

**Deuteranomaly**  
1078744

**Tritanomaly**  
1080492

# Monochromacy



**Original Color**  
2912741

**Achromatopsia**  
6974058

**Achromatomaly**  
5467543

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2912741 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 #2C71E5 looks like.

```
.text, #text, p{  
    color:#2C71E5  
}
```

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 #2C71E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C71E5
}
```

## Border

The CSS property to change the border of an element to Decimal 2912741 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
#2C71E5 }
```

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

```
.border{ border-color:#2C71E5 }
```

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

Here you see how a box with a 4 pixel #2C71E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C71E5; -webkit-box-shadow:4px 4px  
4px 4px #2C71E5; box-shadow:4px 4px 4px  
4px #2C71E5 }
```

# Background

The CSS property to change the background color of an element to Decimal 2912741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C71E5 }
```

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

```
.background{ background-color:#2C71E5 }
```

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