

# Converting Colors

Decimal(2890406)

Have a look what the booklet for  
Decimal(2890406) contains.

<b>Decimal(2890406)</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> .....	28

# Color

**Decimal(2890406)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2C1AA6
RGB	44, 26, 166
RGB Percent	17%, 10%, 65%
CMY	0.8275, 0.8980, 0.3490
CMYK	0.73, 0.84, 0.00, 0.35
HSL	248°, 73%, 38%
HSV	248°, 84%, 65%
XYZ	8.2910, 4.0274, 36.4168
YIQ	47.3420, -34.2120, 47.3560

# Conversions

## Conversions Part 2

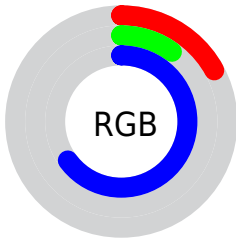
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	44, 26, 166
Decimal	2890406
CIE <sub>Lab</sub>	23.76, 50.36, -70.27
CIE <sub>LCh</sub>	24, 86.455, 305.627
Yxy	4.0274, 0.1701, 0.0826
Android (android.graphics.Color)	4281080486 (0xFF2C1AA6)
YUV	47.3420, 58.4984, -2.9309
Hunter-Lab	20.0685, 38.6252, -93.5413

# Details

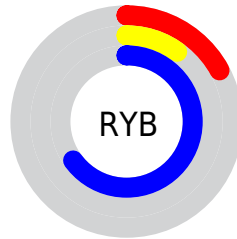
The Decimal color **2890406** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **9741850**, and the grayscale version is **3092271**.

A 20% lighter version of the original color is **7228382**, and **113** is the 20% darker color. If you saturate the color by 10%, you get **1968550**, and if you desaturate by 10%, it is **3812262**.

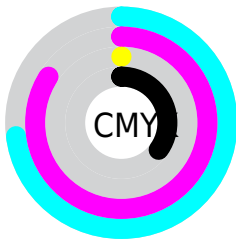
# Distribution



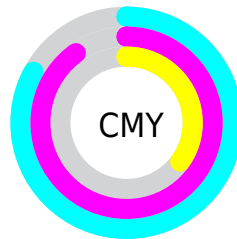
- Red (17%)
- Green (10%)
- Blue (65%)



- Red (17%)
- Yellow (10%)
- Blue (65%)



- Cyan (73%)
- Magenta (84%)
- Yellow (0%)
- Black (35%)



- Cyan (83%)
- Magenta (90%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2890406 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 2890406 by changing the saturation by 10% instead.



■ 2890406

■ 2890406

16777215

■ 139

■ 7228382

■ 113

■ 9200892

■ 87

■ 11173631

■ 1599

■ 13146623

■ 808

■ 15119615

■ 273

■ 16765183

■ 0

■ 16772607

■ 2890406

■ 2890406

■ 1968550

■ 3812262

■ 1376422

■ 4799398

■ 5721254

■ 6708390

■ 7630246

■ 8617638

■ 9539238

■ 10526630

■ 11448230

# Harmonies

## Analogous

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



16832



2890406



8913008

# Triad

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



2890406



7215616



19780

# Complementary

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



2890406



9741850

# 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.



19200



2890406



3947264

# Square

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



2890406



9568256



18176



20357

# Rectangle

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



2890406



10223685



18176



19501



# Sweetspot

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



2890406



11183065



1742502



5328238



15592941



7237230



# Same Dimension

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



2890406



1835225



7346854



5065812



1245332



196628



# Inverse Universe

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



10885780



14221501



5285402



5524563



9699457

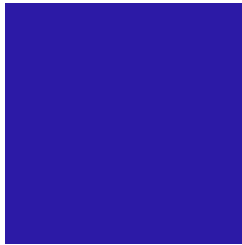


1310738



# Previews

## White Background



This preview shows how the Decimal color 2890406 looks on a white background.

## Color Contrast Check

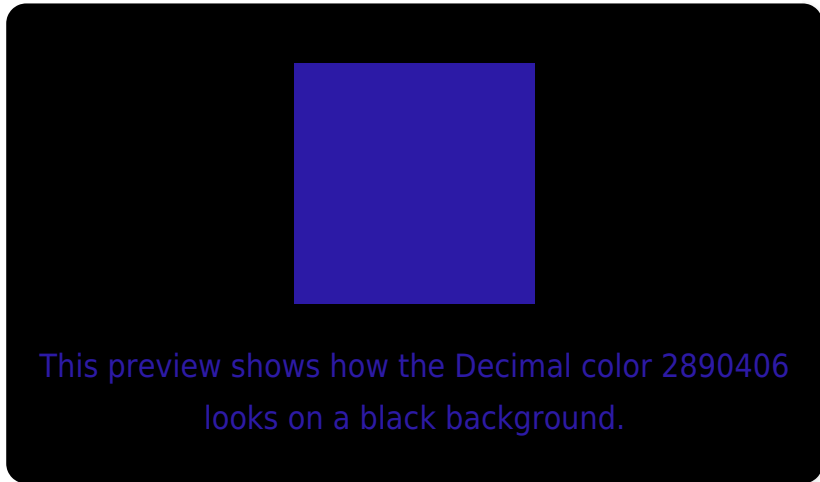
Large Text (above 18pt) WCAG AA ✓ Pass

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

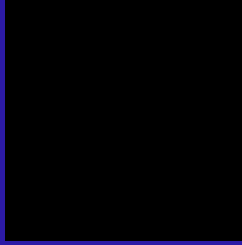
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 2890406 Background



This preview shows how black text looks on a background with the Decimal color 2890406.



This preview shows how white text looks on a background with the Decimal color 2890406.

# 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**  
2890406

**Deuteranomaly**  
1060731

**Tritanomaly**  
1061479

# Monochromacy



**Original Color**  
2890406

**Achromatopsia**  
3092271

**Achromatomaly**  
3024730

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2890406 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 #2C1AA6 looks like.

```
.text, #text, p{  
    color:#2C1AA6  
}
```

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 #2C1AA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C1AA6
}
```

## Border

The CSS property to change the border of an element to Decimal 2890406 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".

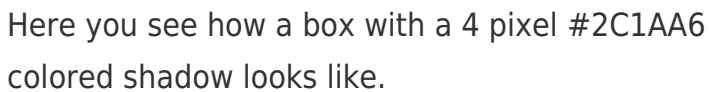
```
.border, #border, table{ border:4px solid
#2C1AA6 }
```

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

```
.border{ border-color:#2C1AA6 }
```

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

Here you see how a box with a 4 pixel #2C1AA6 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 #2C1AA6; -webkit-box-shadow:4px 4px  
4px 4px #2C1AA6; box-shadow:4px 4px 4px  
4px #2C1AA6 }
```

# Background

The CSS property to change the background color of an element to Decimal 2890406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C1AA6 }
```

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

```
.background{ background-color:#2C1AA6 }
```

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