

# Converting Colors

Decimal(2836404)

Have a look what the booklet for  
Decimal(2836404) contains.

<b>Decimal(2836404)</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(2836404)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2B47B4
RGB	43, 71, 180
RGB Percent	17%, 28%, 71%
CMY	0.8314, 0.7216, 0.2941
CMYK	0.76, 0.61, 0.00, 0.29
HSL	228°, 61%, 44%
HSV	228°, 76%, 71%
XYZ	11.4877, 8.3154, 44.1796
YIQ	75.0540, -51.6770, 27.9630

# Conversions

## Conversions Part 2

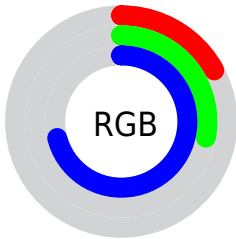
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	43, 66, 180
Decimal	2836404
CIE <sub>Lab</sub>	34.63, 28.97, -60.77
CIE <sub>LCh</sub>	35, 67.323, 295.491
Yxy	8.3154, 0.1795, 0.1300
Android (android.graphics.Color)	4281026484 (0xFF2B47B4)
YUV	75.0540, 51.7384, -28.1114
Hunter-Lab	28.8364, 20.6465, -70.6515

# Details

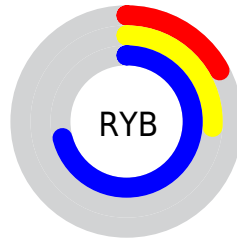
The Decimal color **2836404** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **11835435**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **7174125**, and **7550** is the 20% darker color. If you saturate the color by 10%, you get **1653172**, and if you desaturate by 10%, it is **4019636**.

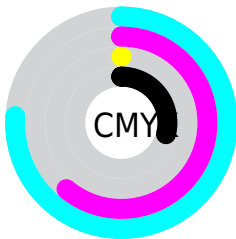
# Distribution



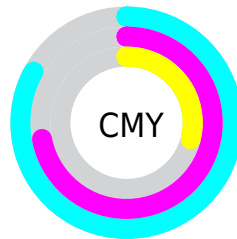
- Red (17%)
- Green (28%)
- Blue (71%)



- Red (17%)
- Yellow (26%)
- Blue (71%)



- Cyan (76%)
- Magenta (61%)
- Yellow (0%)
- Black (29%)



- Cyan (83%)
- Magenta (72%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2836404 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 2836404 by changing the saturation by 10% instead.



■ 2836404

■ 2836404

16777215

■ 12697

■ 7174125

■ 7550

■ 9146879

■ 2404

■ 11054079

■ 1355

■ 13027071

■ 1076

■ 15000319

■ 542

■ 0

■ 2836404

■ 2836404

■ 1653172

■ 4019636

■ 469684

■ 5203124

■ 9652

■ 6386356

■ 7569588

■ 8753076

■ 9936308

■ 11119540

■ 12303028

■ 13486260

# Harmonies

## Analogous

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



23486



2836404



8856207

# Triad

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



2836404



9581056



26183

# Complementary

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



2836404



11835435

# 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.



25350



2836404



7032064

# Square

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



2836404



11010088



3693568



26495

# Rectangle

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



2836404



10551406



3693568



26164



# Sweetspot

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



2836404



11911403



2864278



5528437



16119285



7697781



# Same Dimension

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



2836404



1393131



5385140



5263961



8089



1306



# Inverse Universe

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



11807559



15406401



9286699



5853266



10027039

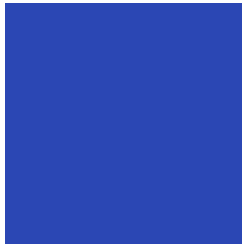


1703941



# Previews

## White Background



This preview shows how the Decimal color 2836404 looks on a white background.

## Color Contrast Check

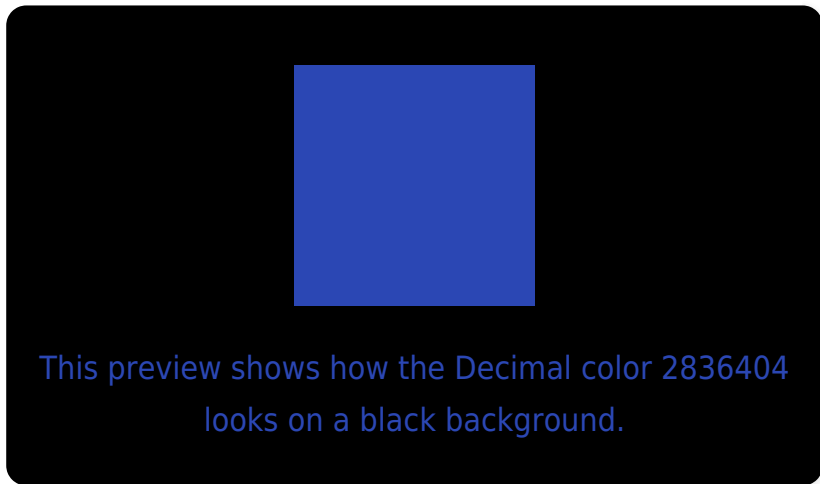
Large Text (above 18pt) WCAG AA ✓ Pass

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

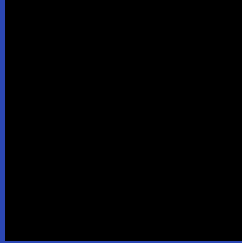
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Decimal 2836404 Background



This preview shows how black text looks on a background with the Decimal color 2836404.

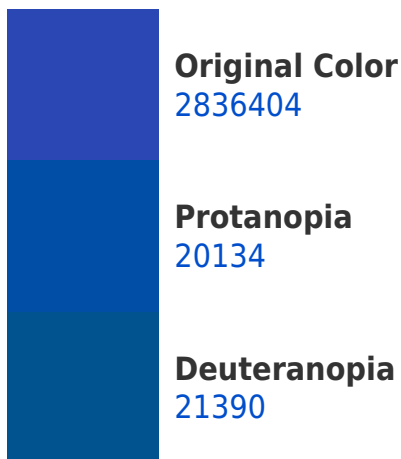


This preview shows how white text looks on a background with the Decimal color 2836404.

# 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**  
2836404

**Protanomaly**  
1067947

**Deuteranomaly**  
1068956

**Tritanomaly**  
1069951

# Monochromacy



**Original Color**  
2836404

**Achromatopsia**  
4934475

**Achromatomaly**  
4147825

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2836404 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 #2B47B4 looks like.

```
.text, #text, p{  
  color:#2B47B4  
}
```

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 #2B47B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B47B4
}
```

## Border

The CSS property to change the border of an element to Decimal 2836404 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
#2B47B4 }
```

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

```
.border{ border-color:#2B47B4 }
```

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

Here you see how a box with a 4 pixel #2B47B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B47B4; -webkit-box-shadow:4px 4px  
4px 4px #2B47B4; box-shadow:4px 4px 4px  
4px #2B47B4 }
```

# Background

The CSS property to change the background color of an element to Decimal 2836404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B47B4 }
```

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

```
.background{ background-color:#2B47B4 }
```

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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