

# Converting Colors

Decimal(2840466)

Have a look what the booklet for  
Decimal(2840466) contains.

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# Color

**Decimal(2840466)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2B5792
RGB	43, 87, 146
RGB Percent	17%, 34%, 57%
CMY	0.8314, 0.6588, 0.4275
CMYK	0.71, 0.40, 0.00, 0.43
HSL	214°, 54%, 37%
HSV	214°, 71%, 57%
XYZ	9.5928, 9.4053, 28.5039
YIQ	80.5700, -45.1630, 9.0210

# Conversions

## Conversions Part 2

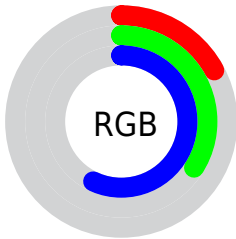
<b>Format</b>	<b>Color</b>
<b>RYB</b>	43, 74, 146
Decimal	2840466
CIELab	36.75, 5.41, -36.99
CIElCh	37, 37.381, 278.321
Yxy	9.4053, 0.2019, 0.1980
Android (android.graphics.Color)	4281030546 (0xFF2B5792)
YUV	80.5700, 32.2570, -32.9489
Hunter-Lab	30.6681, 2.1645, -33.6385

# Details

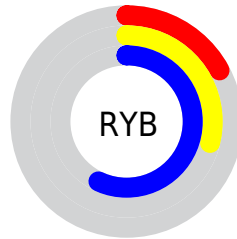
The Decimal color **2840466** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9594411**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **6654152**, and **10847** is the 20% darker color. If you saturate the color by 10%, you get **1855378**, and if you desaturate by 10%, it is **3825554**.

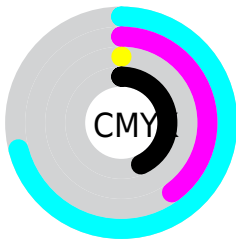
# Distribution



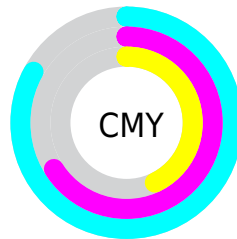
- Red (17%)
- Green (34%)
- Blue (57%)



- Red (17%)
- Yellow (29%)
- Blue (57%)



- Cyan (71%)
- Magenta (40%)
- Yellow (0%)
- Black (43%)



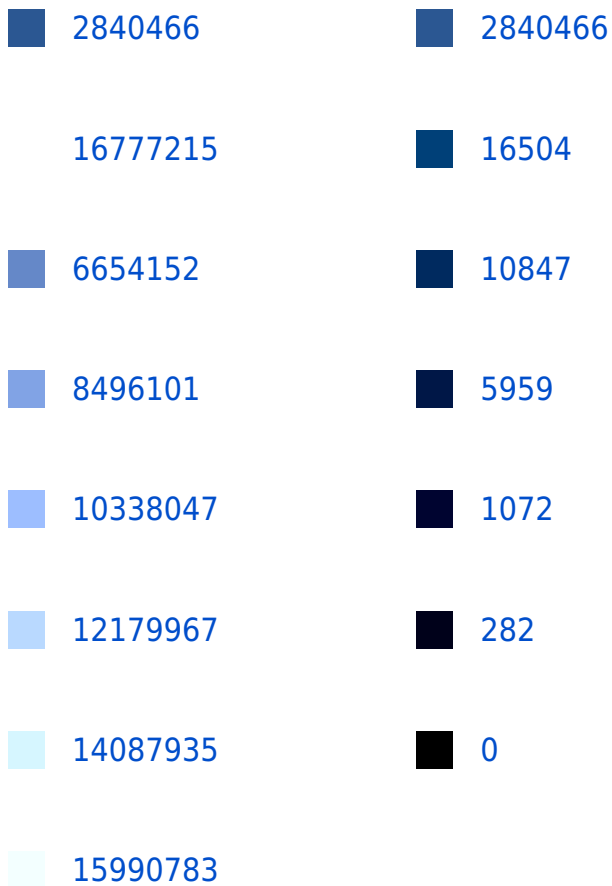
- Cyan (83%)
- Magenta (66%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2840466 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 2840466 by changing the saturation by 10% instead.





■ 935570

■ 4745362

■ 16018

■ 5730450

■ 6650002

■ 7635346

■ 8620434

■ 9540242

■ 10525330

■ 11444882

# Harmonies

## Analogous

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



24718



2840466



6507398

# Triad

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



2840466



8995123



91199

# Complementary

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



2840466



9594411

# 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.



4153125



2840466



7884061

# Square

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



2840466



9255759



6248470



25950

# Rectangle

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



2840466



7947126



6248470



2187829



# Sweetspot

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



2840466



9807549



2855525



4673886



14606046



6184542



# Same Dimension

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



2840466



1860029



3287954



4408906



15242



1034



# Inverse Universe

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



9579351



12393569



9146923



4866886



9044027



655364



# Previews

## White Background



This preview shows how the Decimal color 2840466 looks on a white background.

## Color Contrast Check

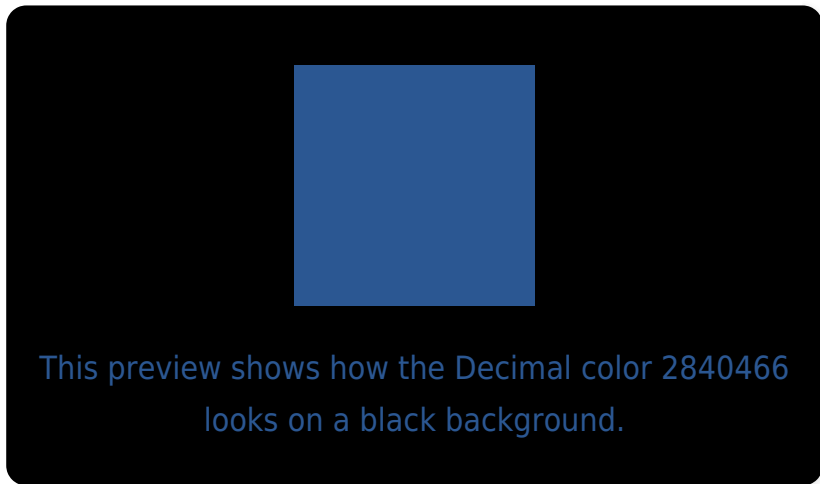
Large Text (above 18pt) WCAG AA ✓ Pass

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

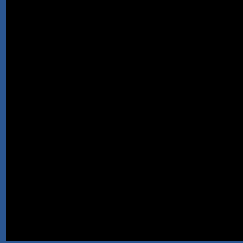
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 2840466 Background



This preview shows how black text looks on a background with the Decimal color 2840466.



This preview shows how white text looks on a background with the Decimal color 2840466.

# 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



**Original Color**

2840466

**Protanopia**

4084879

**Deuteranopia**

2840466



**Tritanopia**  
24679

# Trichromacy



**Original Color**  
2840466

**Protanomaly**  
3626384

**Deuteranomaly**  
2840466

**Tritanomaly**  
1072503

# Monochromacy



**Original Color**  
2840466

**Achromatopsia**  
5329233

**Achromatomaly**  
4412265

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2840466 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 #2B5792 looks like.

```
.text, #text, p{  
    color:#2B5792  
}
```

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 #2B5792 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B5792
}
```

## Border

The CSS property to change the border of an element to Decimal 2840466 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
#2B5792 }
```

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

```
.border{ border-color:#2B5792 }
```

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

Here you see how a box with a 4 pixel #2B5792 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B5792; -webkit-box-shadow:4px 4px  
4px 4px #2B5792; box-shadow:4px 4px 4px  
4px #2B5792 }
```

# Background

The CSS property to change the background color of an element to Decimal 2840466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B5792 }
```

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

```
.background{ background-color:#2B5792 }
```

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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