

# Converting Colors

Decimal(2521533)

Have a look what the booklet for  
Decimal(2521533) contains.

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# Color

**Decimal(2521533)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2679BD
RGB	38, 121, 189
RGB Percent	15%, 47%, 74%
CMY	0.8510, 0.5255, 0.2588
CMYK	0.80, 0.36, 0.00, 0.26
HSL	207°, 67%, 45%
HSV	207°, 80%, 74%
XYZ	16.8220, 17.7609, 50.6857
YIQ	103.9350, -71.2960, 3.5520

# Conversions

## Conversions Part 2

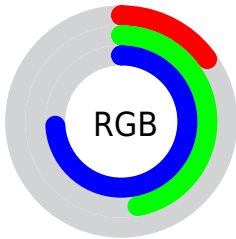
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 92, 189
Decimal	2521533
CIE <sub>Lab</sub>	49.20, -0.33, -42.58
CIE <sub>LCh</sub>	49, 42.582, 269.557
Yxy	17.7609, 0.1973, 0.2083
Android (android.graphics.Color)	4280711613 (0xFF2679BD)
YUV	103.9350, 41.9370, -57.8250
Hunter-Lab	42.1437, -2.5018, -41.8067

# Details

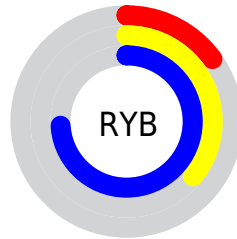
The Decimal color **2521533** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **12413478**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **7056886**, and **18823** is the 20% darker color. If you saturate the color by 10%, you get **1274045**, and if you desaturate by 10%, it is **3769021**.

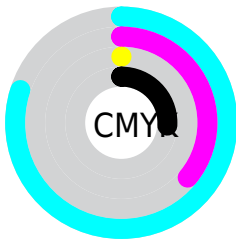
# Distribution



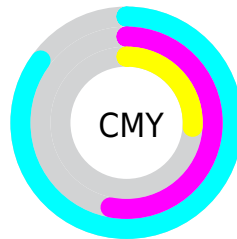
- Red (15%)
- Green (47%)
- Blue (74%)



- Red (15%)
- Yellow (36%)
- Blue (74%)



- Cyan (80%)
- Magenta (36%)
- Yellow (0%)
- Black (26%)



- Cyan (85%)
- Magenta (53%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2521533 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 2521533 by changing the saturation by 10% instead.



■ 2521533

■ 2521533

16777215

■ 24738

■ 7056886

■ 18823

■ 9029887

■ 13165

■ 10937599

■ 8021

■ 12910591

■ 1597

■ 14876671

■ 806

■ 271

■ 0

■ 2521533

■ 2521533

■ 1274045

■ 3769021

■ 26813

■ 5016253

■ 6263741

■ 7510973

■ 8692925

■ 9940157

■ 11187645

■ 12434877

■ 13682365

# Harmonies

## Analogous

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



33459



2521533



7695540

# Triad

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



2521533



11950419



3507279

# Complementary

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



2521533



12413478

# 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.



6651187



2521533



10904887

# Square

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



2521533



11949431



9073449



34675

# Rectangle

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



2521533



9790116



9073449



4751940



# Sweetspot

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



2521533



12245749



2538858



5728890



16448250



8026746



# Same Dimension

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



2521533



691189



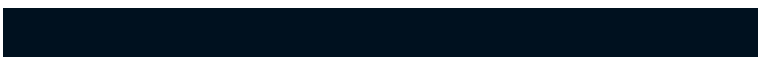
2502333



5593694



22430



4383



# Inverse Universe

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



12396153



16059019



12432678



6182234



10354775



2031633



# Previews

## White Background



This preview shows how the Decimal color 2521533 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 2521533 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 2521533 Background



This preview shows how black text looks on a background with the Decimal color 2521533.



This preview shows how white text looks on a background with the Decimal color 2521533.

# 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



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2521533 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 #2679BD looks like.

```
.text, #text, p{  
    color:#2679BD  
}
```

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 #2679BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2679BD
}
```

## Border

The CSS property to change the border of an element to Decimal 2521533 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
#2679BD }
```

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

```
.border{ border-color:#2679BD }
```

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

Here you see how a box with a 4 pixel #2679BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2679BD; -webkit-box-shadow:4px 4px  
4px 4px #2679BD; box-shadow:4px 4px 4px  
4px #2679BD }
```

# Background

The CSS property to change the background color of an element to Decimal 2521533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2679BD }
```

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

```
.background{ background-color:#2679BD }
```

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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