

# Converting Colors

Decimal(2513561)

Have a look what the booklet for  
Decimal(2513561) contains.

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# Color

**Decimal(2513561)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	265A99
RGB	38, 90, 153
RGB Percent	15%, 35%, 60%
CMY	0.8510, 0.6471, 0.4000
CMYK	0.75, 0.41, 0.00, 0.40
HSL	213°, 60%, 37%
HSV	213°, 75%, 60%
XYZ	10.2053, 10.0243, 31.5340
YIQ	81.6340, -51.2150, 8.5690

# Conversions

## Conversions Part 2

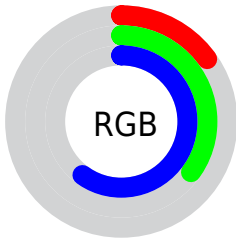
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	38, 74, 153
Decimal	2513561
CIE Lab	37.89, 5.38, -39.42
CIE LCh	38, 39.782, 277.772
Yxy	10.0243, 0.1972, 0.1937
Android (android.graphics.Color)	4280703641 (0xFF265A99)
YUV	81.6340, 35.1834, -38.2670
Hunter-Lab	31.6612, 2.1283, -36.8890

# Details

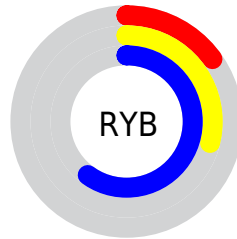
The Decimal color **2513561** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **10052902**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **6524112**, and **11621** is the 20% darker color. If you saturate the color by 10%, you get **1528473**, and if you desaturate by 10%, it is **3498649**.

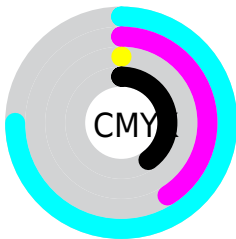
# Distribution



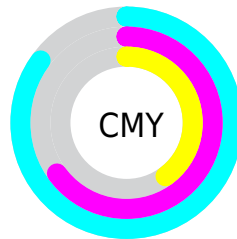
- Red (15%)
- Green (35%)
- Blue (60%)



- Red (15%)
- Yellow (29%)
- Blue (60%)



- Cyan (75%)
- Magenta (41%)
- Yellow (0%)
- Black (40%)



- Cyan (85%)
- Magenta (65%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2513561 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 2513561 by changing the saturation by 10% instead.



■ 2513561

■ 2513561

16777215

■ 17279

■ 6524112

■ 11621

■ 8365804

■ 6477

■ 10273279

■ 1334

■ 12115455

■ 544

■ 14023167

■ 3

■ 15990783

■ 0

■ 2513561

■ 2513561

■ 1528473

■ 3498649

■ 477593

■ 4549529

■ 17817

■ 5534617

■ 6519961

■ 7570585

■ 8555673

■ 9541017

■ 10526105

■ 11576729

# Harmonies

## Analogous

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



25492



2513561



6704524

# Triad

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



2513561



9388595



26432

# Complementary

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



2513561



10052902

# 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.



4219427



2513561



8212252

# Square

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



2513561



9714514



6445587



26977

# Rectangle

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



2513561



8275068



6445587



2057781



# Sweetspot

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



2513561



10071751



2529635



4740195



14935011



6513507



# Same Dimension

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



2513561



1336775



2762393



4540493



16268



1549



# Inverse Universe

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



10036826



13046885



9804070



5064008



9175103



851974



# Previews

## White Background



This preview shows how the Decimal color 2513561 looks on a white background.

## Color Contrast Check

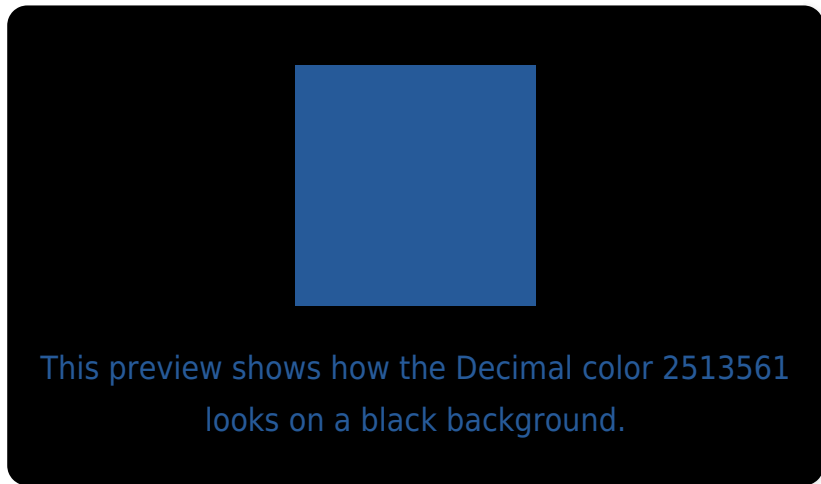
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

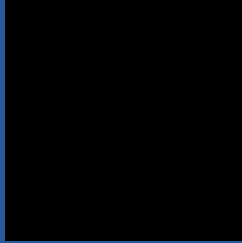
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 2513561 Background



This preview shows how black text looks on a background with the Decimal color 2513561.



This preview shows how white text looks on a background with the Decimal color 2513561.

# Color Blindness Simulation

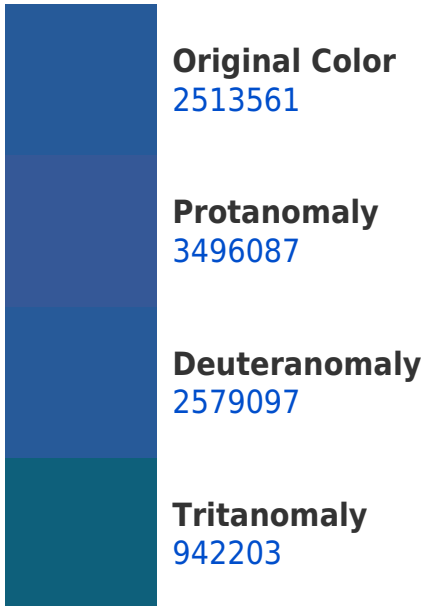
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

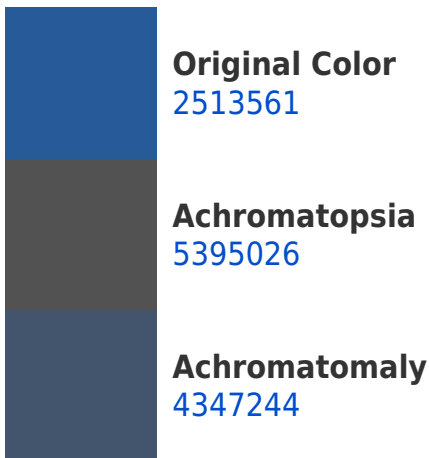




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2513561 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 #265A99 looks like.

```
.text, #text, p{  
    color:#265A99  
}
```

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 #265A99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #265A99
}
```

## Border

The CSS property to change the border of an element to Decimal 2513561 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
#265A99 }
```

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

```
.border{ border-color:#265A99 }
```

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

Here you see how a box with a 4 pixel #265A99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #265A99; -webkit-box-shadow:4px 4px  
4px 4px #265A99; box-shadow:4px 4px 4px  
4px #265A99 }
```

# Background

The CSS property to change the background color of an element to Decimal 2513561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#265A99 }
```

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

```
.background{ background-color:#265A99 }
```

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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