

# Converting Colors

Decimal(2475599)

Have a look what the booklet for  
Decimal(2475599) contains.

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# **Color**

**Decimal(2475599)**

# Conversions

## Conversions Part 1

Format	Color
Hex	25C64F
RGB	37, 198, 79
RGB Percent	15%, 78%, 31%
CMY	0.8549, 0.2235, 0.6902
CMYK	0.81, 0.00, 0.60, 0.22
HSL	136°, 69%, 46%
HSV	136°, 81%, 78%
XYZ	22.3683, 41.3460, 14.1988
YIQ	136.2950, -57.7570, -71.1410

# Conversions

## Conversions Part 2

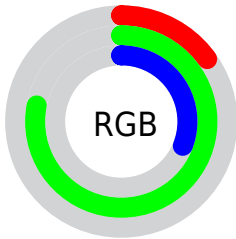
Format	Color
<b>RYB</b>	37, 165, 198
Decimal	2475599
CIELab	70.42, -63.79, 47.58
CIELCh	70, 79.578, 143.285
Yxy	41.3460, 0.2871, 0.5307
Android (android.graphics.Color)	4280665679 (0xFF25C64F)
YUV	136.2950, -28.2464, -87.0817
Hunter-Lab	64.3009, -50.4318, 31.9183

# Details

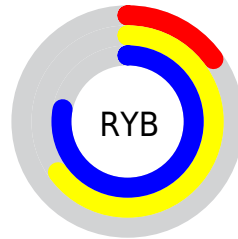
The Decimal color **2475599** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **12985756**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **7339908**, and **36633** is the 20% darker color. If you saturate the color by 10%, you get **1164864**, and if you desaturate by 10%, it is **3786334**.

# Distribution



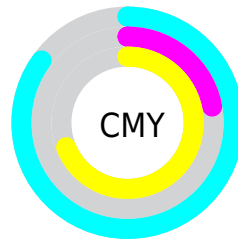
- Red (15%)
- Green (78%)
- Blue (31%)



- Red (15%)
- Yellow (65%)
- Blue (78%)



- Cyan (81%)
- Magenta (0%)
- Yellow (60%)
- Black (22%)



- Cyan (85%)
- Magenta (22%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2475599 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 2475599 by changing the saturation by 10% instead.



 2475599

 2475599

16777215

 43573

 7339908

 36633

 9437087

 29696

 11403195

 23040

 13434839

 16640

 15400948

 10496

 768

 0

 2475599

 2475599

■ 1164864

■ 3786334

■ 50740

■ 5097068

■ 6342267

■ 7653002

■ 8963736

■ 10274471

■ 11585205

■ 12830404

■ 14141139

# Harmonies

## Analogous

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



10008832



2475599



52377

# Triad

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



2475599



47871



16737912

# Complementary

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



2475599



12985756

# 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.



16736704



2475599



8954111

# Square

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



2475599



51455



15957503



16745781

# Rectangle

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



2475599



52683



15957503



16736399

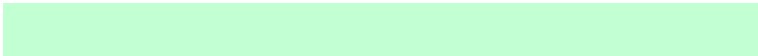


# Sweetspot

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



2475599



12779474



10405413



5996644



0



8421504



# Same Dimension

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



2475599



393030



2475678



5923676



41771



9225



# Inverse Universe

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



12985756



16713150



12985677



6511201



10682489



2359322



# Previews

## White Background



This preview shows how the Decimal color 2475599 looks on a white 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

# Black Background



This preview shows how the Decimal color 2475599 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 ✓ Pass

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



## Decimal 2475599 Background



This preview shows how black text looks on a background with the Decimal color 2475599.



This preview shows how white text looks on a background with the Decimal color 2475599.

# 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](#).

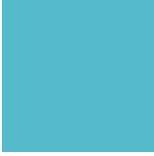
## Dichromacy



**Original Color**  
2475599

**Protanopia**  
12495687

**Deuteranopia**  
13738841



**Tritanopia**  
5618377

# Trichromacy



**Original Color**

2475599



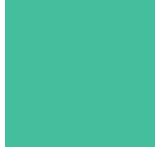
**Protanomaly**

8828234



**Deuteranomaly**

9613397



**Tritanomaly**

4505245

# Monochromacy



**Original Color**

2475599



**Achromatopsia**

8947848



**Achromatomaly**

6594419

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2475599 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 #25C64F looks like.

```
.text, #text, p{  
    color:#25C64F  
}
```

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 #25C64F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25C64F
}
```

## Border

The CSS property to change the border of an element to Decimal 2475599 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
#25C64F }
```

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

```
.border{ border-color:#25C64F }
```

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

Here you see how a box with a 4 pixel #25C64F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25C64F; -webkit-box-shadow:4px 4px  
4px 4px #25C64F; box-shadow:4px 4px 4px  
4px #25C64F }
```

# Background

The CSS property to change the background color of an element to Decimal 2475599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25C64F }
```

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

```
.background{ background-color:#25C64F }
```

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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