

# Converting Colors

Decimal(2465447)

Have a look what the booklet for  
Decimal(2465447) contains.

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**Color**

**Decimal(2465447)**

# Conversions

## Conversions Part 1

Format	Color
Hex	259EA7
RGB	37, 158, 167
RGB Percent	15%, 62%, 65%
CMY	0.8549, 0.3804, 0.3451
CMYK	0.78, 0.05, 0.00, 0.35
HSL	184°, 64%, 40%
HSV	184°, 78%, 65%
XYZ	19.9649, 27.6371, 40.8414
YIQ	122.8470, -75.0050, -22.8530

# Conversions

## Conversions Part 2

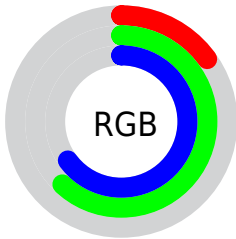
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 100, 167
Decimal	2465447
CIELab	59.56, -28.47, -13.96
CIELCh	60, 31.706, 206.127
Yxy	27.6371, 0.2257, 0.3125
Android (android.graphics.Color)	4280655527 (0xFF259EA7)
YUV	122.8470, 21.7674, -75.2878
Hunter-Lab	52.5710, -24.2103, -9.2617

# Details

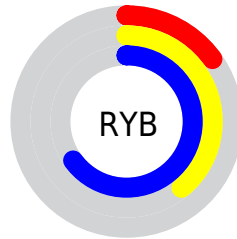
The Decimal color **2465447** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10956325**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **6936030**, and **27251** is the 20% darker color. If you saturate the color by 10%, you get **1351079**, and if you desaturate by 10%, it is **3579815**.

# Distribution



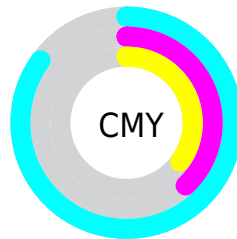
- Red (15%)
- Green (62%)
- Blue (65%)



- Red (15%)
- Yellow (39%)
- Blue (65%)



- Cyan (78%)
- Magenta (5%)
- Yellow (0%)
- Black (35%)



- Cyan (85%)
- Magenta (38%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2465447 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 2465447 by changing the saturation by 10% instead.



 2465447

 2465447

16777215

 33933

 6936030

 27251

 8909563

 20827

 10878975

 14915

 12779519

 9517

 14745599

 281

16711679

 0

 2465447

 2465447

 1351079

 3579815

■ 302247

■ 4628647

■ 39847

■ 5743015

■ 6857639

■ 7972007

■ 9020839

■ 10135207

■ 11249575

■ 12298407

# Harmonies

## Analogous

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



4562571



2465447



3447485

# Triad

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



2465447



11501743



10849368

# Complementary

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



2465447



10956325

# 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.



12288866



2465447



12745364

# Square

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



2465447



9341633



13007992



9016669

# Rectangle

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



2465447



5412549



13007992



11438425



# Sweetspot

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



2465447



10999257



2467630



5205102



15592941



7237230



# Same Dimension

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



2465447



1035225



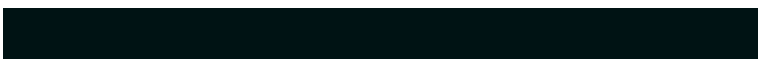
2448807



5002324



35476



4884



# Inverse Universe

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



10954142



14225355



10972965



5524564



9699466

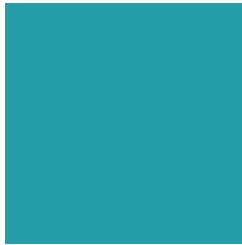


1310739



# Previews

## White Background



This preview shows how the Decimal color 2465447 looks on a white 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

# Black Background



This preview shows how the Decimal color 2465447 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

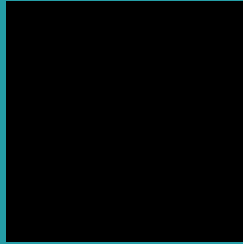
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 2465447 Background



This preview shows how black text looks on a background with the Decimal color 2465447.

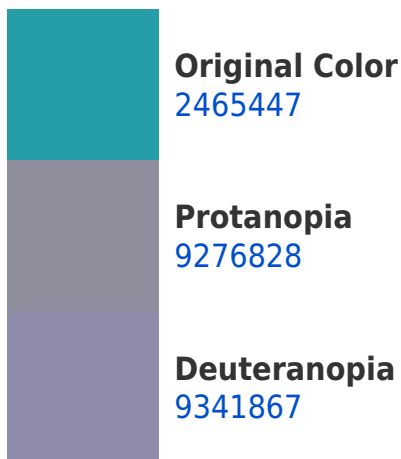


This preview shows how white text looks on a background with the Decimal color 2465447.

# 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





**Tritanopia**  
2661802

# Trichromacy



**Original Color**  
2465447



**Protanomaly**  
6788000



**Deuteranomaly**  
6853290



**Tritanomaly**  
2596265

# Monochromacy



**Original Color**  
2465447



**Achromatopsia**  
8092539



**Achromatomaly**  
6064267

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2465447 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 #259EA7 looks like.

```
.text, #text, p{  
    color:#259EA7  
}
```

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 #259EA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #259EA7
}
```

## Border

The CSS property to change the border of an element to Decimal 2465447 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
#259EA7 }
```

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

```
.border{ border-color:#259EA7 }
```

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

Here you see how a box with a 4 pixel #259EA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #259EA7; -webkit-box-shadow:4px 4px  
4px 4px #259EA7; box-shadow:4px 4px 4px  
4px #259EA7 }
```

# Background

The CSS property to change the background color of an element to Decimal 2465447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#259EA7 }
```

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

```
.background{ background-color:#259EA7 }
```

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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