

# Converting Colors

Decimal(4367515)

Have a look what the booklet for  
Decimal(4367515) contains.

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# **Color**

**Decimal(4367515)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42A49B
RGB	66, 164, 155
RGB Percent	26%, 64%, 61%
CMY	0.7412, 0.3569, 0.3922
CMYK	0.60, 0.00, 0.05, 0.36
HSL	174°, 43%, 45%
HSV	174°, 60%, 64%
XYZ	21.4386, 30.0757, 35.6856
YIQ	133.6720, -55.5190, -23.5750

# Conversions

## Conversions Part 2

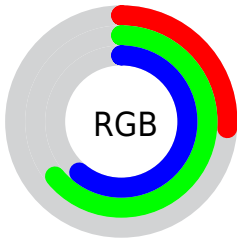
Format	Color
R <sub>Y</sub> B	66, 117, 164
Decimal	4367515
CIE Lab	61.72, -30.64, -3.89
CIE LCh	62, 30.883, 187.243
Yxy	30.0757, 0.2459, 0.3449
Android (android.graphics.Color)	4282557595 (0xFF42A49B)
YUV	133.6720, 10.5147, -59.3483
Hunter-Lab	54.8413, -26.1930, -0.1914

# Details

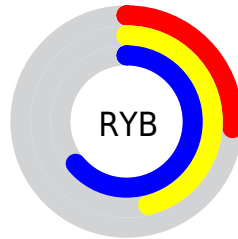
The Decimal color **4367515** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10764875**, and the grayscale version is **8816262**.

A 20% lighter version of the original color is **8182737**, and **28776** is the 20% darker color. If you saturate the color by 10%, you get **3318937**, and if you desaturate by 10%, it is **5416093**.

# Distribution



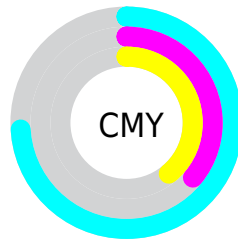
- Red (26%)
- Green (64%)
- Blue (61%)



- Red (26%)
- Yellow (46%)
- Blue (64%)



- Cyan (60%)
- Magenta (0%)
- Yellow (5%)
- Black (36%)



- Cyan (74%)
- Magenta (36%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4367515 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 4367515 by changing the saturation by 10% instead.





4367515



4367515

16777215



2132353



8182737



28776



10025198



22352



11927551



16185



13828095



10276



15794175



3087



0



4367515



4367515



3318937



5416093

■ 2204824

■ 6530206

■ 1156246

■ 7578784

■ 42133

■ 8692897

■ 9741475

■ 10790052

■ 11904166

■ 12952743

■ 14066857

# Harmonies

## Analogous

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



6529663



4367515



3384245

# Triad

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



4367515



10587329



12160099

# Complementary

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



4367515



10764875

# 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.



13141109



4367515



12420011

# Square

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



4367515



8033739



13271183



10589790

# Rectangle

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



4367515



4366530



13271183



12618088



# Sweetspot

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



4367515



11589331



5022786



5532521



15461355



7039851



# Same Dimension

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



4367515



3987144



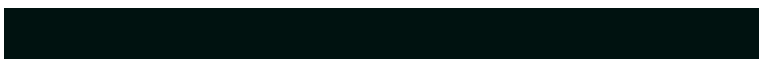
4357540



4805201



37252



4624



# Inverse Universe

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



10764875



14040138



10774850



5392714



9502733

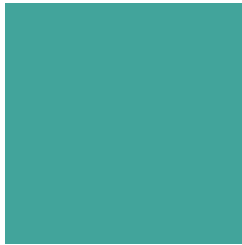


1179650



# Previews

## White Background



This preview shows how the Decimal color 4367515 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 4367515 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

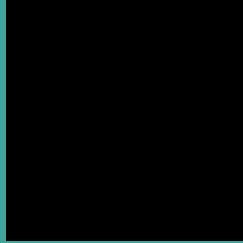
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 4367515 Background



This preview shows how black text looks on a background with the Decimal color 4367515.

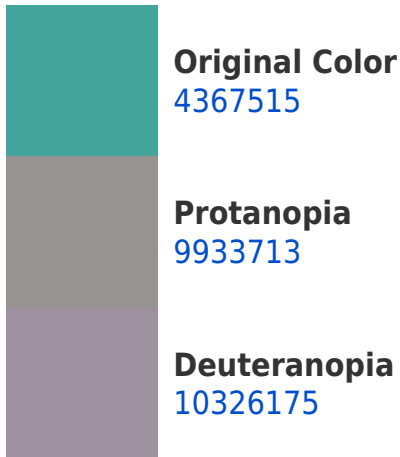


This preview shows how white text looks on a background with the Decimal color 4367515.

# 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



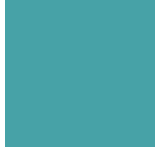
**Original Color**  
4367515



**Protanomaly**  
7903637



**Deuteranomaly**  
8165278



**Tritanomaly**  
4694695

# Monochromacy



**Original Color**  
4367515



**Achromatopsia**  
8816262



**Achromatomaly**  
7180686

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4367515 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 #42A49B looks like.

```
.text, #text, p{  
    color:#42A49B  
}
```

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 #42A49B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42A49B
}
```

## Border

The CSS property to change the border of an element to Decimal 4367515 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
#42A49B }
```

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

```
.border{ border-color:#42A49B }
```

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

Here you see how a box with a 4 pixel #42A49B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42A49B; -webkit-box-shadow:4px 4px  
4px 4px #42A49B; box-shadow:4px 4px 4px  
4px #42A49B }
```

# Background

The CSS property to change the background color of an element to Decimal 4367515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42A49B }
```

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

```
.background{ background-color:#42A49B }
```

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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