

# Converting Colors

Decimal(4365994)

Have a look what the booklet for  
Decimal(4365994) contains.

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# Color

**Decimal(4365994)**

# Conversions

## Conversions Part 1

Format	Color
Hex	429EAA
RGB	66, 158, 170
RGB Percent	26%, 62%, 67%
CMY	0.7412, 0.3804, 0.3333
CMYK	0.61, 0.07, 0.00, 0.33
HSL	187°, 44%, 46%
HSV	187°, 61%, 67%
XYZ	21.7293, 28.5142, 42.3888
YIQ	131.8600, -58.6840, -15.7720

# Conversions

## Conversions Part 2

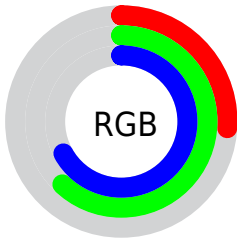
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 115, 170
Decimal	4365994
CIELab	60.35, -23.37, -14.40
CIElCh	60, 27.446, 211.640
Yxy	28.5142, 0.2346, 0.3078
Android (android.graphics.Color)	4282556074 (0xFF429EAA)
YUV	131.8600, 18.8030, -57.7592
Hunter-Lab	53.3987, -20.8115, -9.6862

# Details

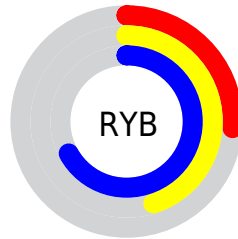
The Decimal color **4365994** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11161154**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **8246753**, and **27254** is the 20% darker color. If you saturate the color by 10%, you get **3251370**, and if you desaturate by 10%, it is **5480618**.

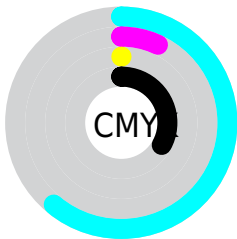
# Distribution



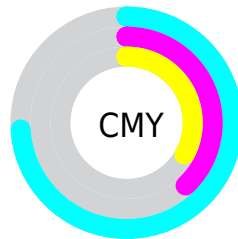
- Red (26%)
- Green (62%)
- Blue (67%)



- Red (26%)
- Yellow (45%)
- Blue (67%)



- Cyan (61%)
- Magenta (7%)
- Yellow (0%)
- Black (33%)



- Cyan (74%)
- Magenta (38%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4365994 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 4365994 by changing the saturation by 10% instead.





4365994



4365994

16777215



2065552



8246753



27254



10088958



21085



11993087



14918



13893631



9519



15859711



1051



0



4365994



4365994



3251370



5480618

■ 2136746

■ 6595242

■ 1022122

■ 7709866

■ 38570

■ 8824490

■ 9939114

■ 11053738

■ 12168362

■ 13282986

■ 14397610

# Harmonies

## Analogous

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



5283730



4365994



5348027

# Triad

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



4365994



11633577



10588257

# Complementary

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



4365994



11161154

# 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.



11896936



4365994



12615569

# Square

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



4365994



9931707



12681849



8886376

# Rectangle

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



4365994



6788801



12681849



11112034



# Sweetspot

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



4365994



11983326



4368972



5795184



15790320



7368816



# Same Dimension

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



4365994



3984350



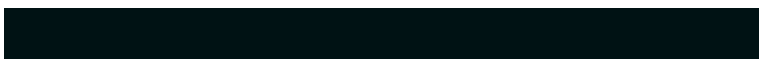
4353194



5002068



33684



4628



# Inverse Universe

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



11158174



14564555



11173954



5524563



9699459



1310738



# Previews

## White Background



This preview shows how the Decimal color 4365994 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 4365994 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

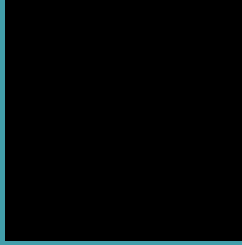
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 4365994 Background



This preview shows how black text looks on a background with the Decimal color 4365994.

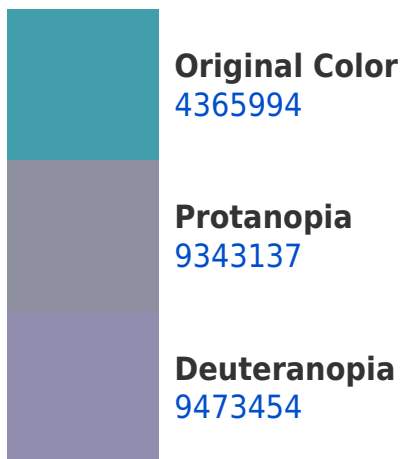



This preview shows how white text looks on a background with the Decimal color 4365994.

# 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**  
4365995

# Trichromacy



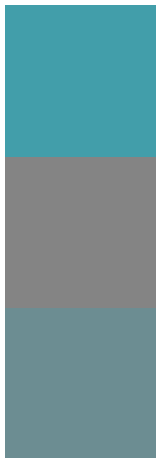
**Original Color**  
4365994

**Protanomaly**  
7509412

**Deuteranomaly**  
7639981

**Tritanomaly**  
4365995

# Monochromacy



**Original Color**  
4365994

**Achromatopsia**  
8684676

**Achromatomaly**  
7114130

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4365994 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 #429EAA looks like.

```
.text, #text, p{  
  color:#429EAA  
}
```

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 #429EAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #429EAA
}
```

## Border

The CSS property to change the border of an element to Decimal 4365994 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
#429EAA }
```

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

```
.border{ border-color:#429EAA }
```

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

Here you see how a box with a 4 pixel #429EAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #429EAA; -webkit-box-shadow:4px 4px  
4px 4px #429EAA; box-shadow:4px 4px 4px  
4px #429EAA }
```

# Background

The CSS property to change the background color of an element to Decimal 4365994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#429EAA }
```

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

```
.background{ background-color:#429EAA }
```

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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