

# Converting Colors

Decimal(4562330)

Have a look what the booklet for  
Decimal(4562330) contains.

<b>Decimal(4562330)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(4562330)**

# Conversions

## Conversions Part 1

Format	Color
Hex	459D9A
RGB	69, 157, 154
RGB Percent	27%, 62%, 60%
CMY	0.7294, 0.3843, 0.3961
CMYK	0.56, 0.00, 0.02, 0.38
HSL	178°, 39%, 44%
HSV	178°, 56%, 62%
XYZ	20.3439, 27.7122, 34.8486
YIQ	130.3460, -51.4850, -19.5890

# Conversions

## Conversions Part 2

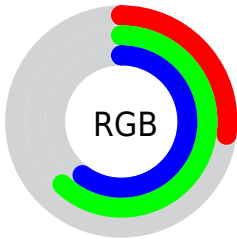
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	69, 114, 157
Decimal	4562330
CIE <sub>Lab</sub>	59.63, -26.89, -6.41
CIE <sub>LCh</sub>	60, 27.646, 193.413
Yxy	27.7122, 0.2454, 0.3343
Android (android.graphics.Color)	4282752410 (0xFF459D9A)
YUV	130.3460, 11.6614, -53.8004
Hunter-Lab	52.6424, -23.1419, -2.3995

# Details

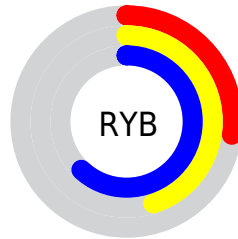
The Decimal color **4562330** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10306888**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **8312016**, and **26983** is the 20% darker color. If you saturate the color by 10%, you get **3513753**, and if you desaturate by 10%, it is **5610907**.

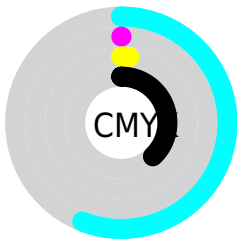
# Distribution



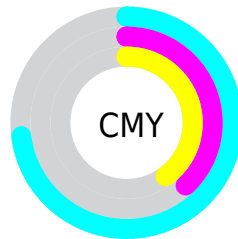
- Red (27%)
- Green (62%)
- Blue (60%)



- Red (27%)
- Yellow (45%)
- Blue (62%)



- Cyan (56%)
- Magenta (0%)
- Yellow (2%)
- Black (38%)



- Cyan (73%)
- Magenta (38%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4562330 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 4562330 by changing the saturation by 10% instead.





4562330



4562330

16777215



2524032



8312016



26983



10154221



20815



11993087



14648



13893631



9251



15859711



270



0



4562330



4562330



3513753



5610907

■ 2530713

■ 6593947

■ 1482136

■ 7642524

■ 433560

■ 8691100

■ 40344

■ 9674141

■ 10722717

■ 11771294

■ 12819870

■ 13802911

# Harmonies

## Analogous

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



6200449



4562330



4299696

# Triad

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



4562330



10585779



11307361

# Complementary

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



4562330



10306888

# 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.



12354159



4562330



12025758

# Square

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



4562330



8425151



12615301



9867872

# Rectangle

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



4562330



5281978



12615301



11765605



# Sweetspot

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



4562330



11128011



4824389



5400165



15132390



6710886



# Same Dimension

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



4562330



4443335



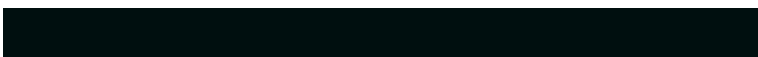
4552093



4673359



36746



3855



# Inverse Universe

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



10306888



13386568



10317125



5195591



9371653

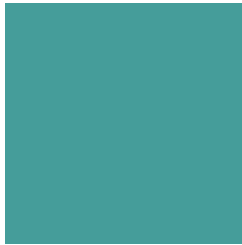


983041



# Previews

## White Background



This preview shows how the Decimal color 4562330 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 4562330 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

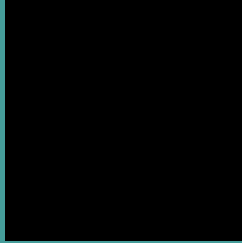
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 4562330 Background



This preview shows how black text looks on a background with the Decimal color 4562330.

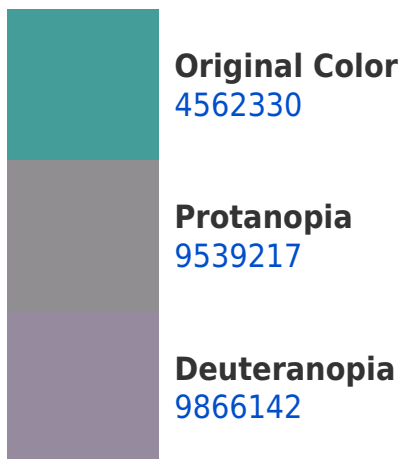



This preview shows how white text looks on a background with the Decimal color 4562330.

# 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**  
4889511

# Trichromacy



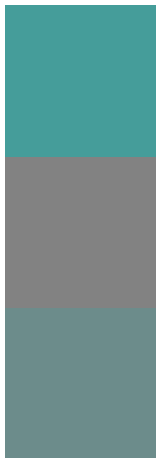
**Original Color**  
4562330

**Protanomaly**  
7705492

**Deuteranomaly**  
7967389

**Tritanomaly**  
4758690

# Monochromacy



**Original Color**  
4562330

**Achromatopsia**  
8553090

**Achromatomaly**  
7113867

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4562330 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 #459D9A looks like.

```
.text, #text, p{  
    color:#459D9A  
}
```

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 #459D9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #459D9A
}
```

## Border

The CSS property to change the border of an element to Decimal 4562330 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
#459D9A }
```

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

```
.border{ border-color:#459D9A }
```

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

Here you see how a box with a 4 pixel #459D9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #459D9A; -webkit-box-shadow:4px 4px  
4px 4px #459D9A; box-shadow:4px 4px 4px  
4px #459D9A }
```

# Background

The CSS property to change the background color of an element to Decimal 4562330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#459D9A }
```

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

```
.background{ background-color:#459D9A }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor