

# Converting Colors

Decimal(6196349)

Have a look what the booklet for  
Decimal(6196349) contains.

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# Color

**Decimal(6196349)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E8C7D
RGB	94, 140, 125
RGB Percent	37%, 55%, 49%
CMY	0.6314, 0.4510, 0.5098
CMYK	0.33, 0.00, 0.11, 0.45
HSL	160°, 20%, 46%
HSV	160°, 33%, 55%
XYZ	17.6958, 22.6165, 22.8348
YIQ	124.5360, -22.6010, -14.4170

# Conversions

## Conversions Part 2

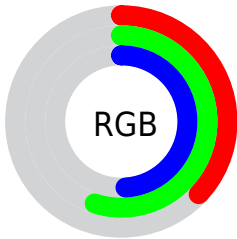
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 121, 140
Decimal	6196349
CIE <sub>Lab</sub>	54.68, -19.13, 3.03
CIE <sub>LCh</sub>	55, 19.367, 171.004
Yxy	22.6165, 0.2802, 0.3582
Android (android.graphics.Color)	4284386429 (0xFF5E8C7D)
YUV	124.5360, 0.2288, -26.7801
Hunter-Lab	47.5568, -16.8048, 4.8212

# Details

The Decimal color **6196349** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9199213**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **9618098**, and **2972236** is the 20% darker color. If you saturate the color by 10%, you get **5278840**, and if you desaturate by 10%, it is **7113858**.

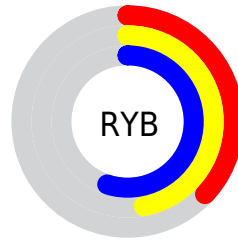
# Distribution



Red (37%)

Green (55%)

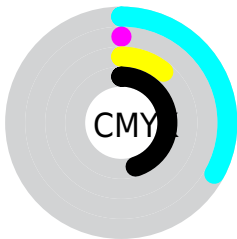
Blue (49%)



Red (37%)

Yellow (47%)

Blue (55%)

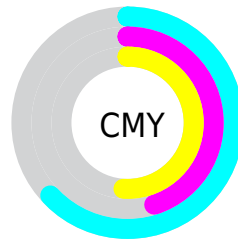


Cyan (33%)

Magenta (0%)

Yellow (11%)

Black (45%)



Cyan (63%)

Magenta (45%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6196349 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 6196349 by changing the saturation by 10% instead.





6196349



6196349

16777215



4551268



9618098



2972236



11394765



1327670



13236969



11296



15073279



6409



0



6196349



6196349



5278840



7113858



4361332



8031366

■ 3443823

■ 8948875

■ 2526315

■ 9866383

■ 1608806

■ 10783892

■ 691298

■ 11701400

■ 35934

■ 12618909

■ 13536418

■ 14453926

# Harmonies

## Analogous

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



7375469



6196349



5475470

# Triad

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



6196349



8356002



10517353

# Complementary

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



6196349



9199213

# 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.



10844024



6196349



9730968

# Square

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



6196349



6850211



10581897



9732194

# Rectangle

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



6196349



5540760



10581897



10713454



# Sweetspot

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



6196349



10728879



7179358



5332056



14408667



6052956



# Same Dimension

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



6196349



7255454



6194316



4080963



34137



1283



# Inverse Universe

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



9199213



11890309



9201246



4537920



8716331



327682



# Previews

## White Background



This preview shows how the Decimal color 6196349 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 6196349 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

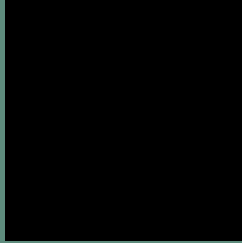
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6196349 Background



This preview shows how black text looks on a background with the Decimal color 6196349.

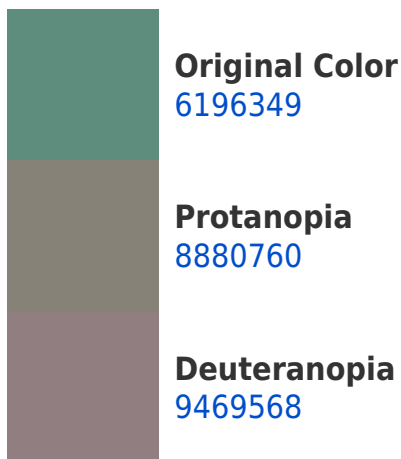



This preview shows how white text looks on a background with the Decimal color 6196349.

# 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](#).

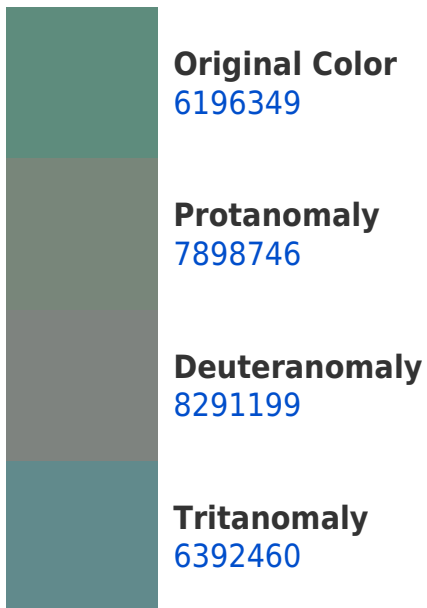
## Dichromacy



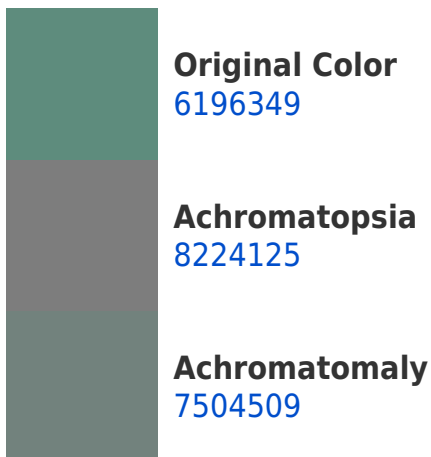


**Tritanopia**  
6523284

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6196349 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 #5E8C7D looks like.

```
.text, #text, p{  
  color:#5E8C7D  
}
```

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 #5E8C7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E8C7D
}
```

## Border

The CSS property to change the border of an element to Decimal 6196349 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
#5E8C7D }
```

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

```
.border{ border-color:#5E8C7D }
```

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

Here you see how a box with a 4 pixel #5E8C7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E8C7D; -webkit-box-shadow:4px 4px  
4px 4px #5E8C7D; box-shadow:4px 4px 4px  
4px #5E8C7D }
```

# Background

The CSS property to change the background color of an element to Decimal 6196349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E8C7D }
```

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

```
.background{ background-color:#5E8C7D }
```

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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