

# Converting Colors

Decimal(5610652)

Have a look what the booklet for  
Decimal(5610652) contains.

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# Color

**Decimal(5610652)**

# Conversions

## Conversions Part 1

Format	Color
Hex	559C9C
RGB	85, 156, 156
RGB Percent	33%, 61%, 61%
CMY	0.6667, 0.3882, 0.3882
CMYK	0.46, 0.00, 0.00, 0.39
HSL	180°, 29%, 47%
HSV	180°, 46%, 61%
XYZ	21.6355, 28.1085, 35.7377
YIQ	134.7710, -42.3160, -15.0520

# Conversions

## Conversions Part 2

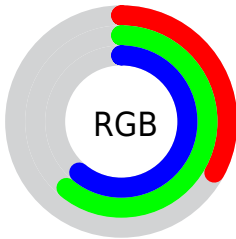
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	85, 121, 156
Decimal	5610652
CIE Lab	59.99, -22.24, -6.95
CIE LCh	60, 23.299, 197.351
Yxy	28.1085, 0.2531, 0.3288
Android (android.graphics.Color)	4283800732 (0xFF559C9C)
YUV	134.7710, 10.4659, -43.6492
Hunter-Lab	53.0175, -19.9378, -2.8536

# Details

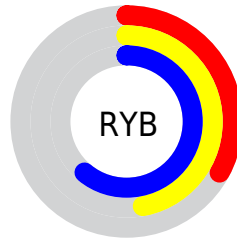
The Decimal color **5610652** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **10245461**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **9163730**, and **1796201** is the 20% darker color. If you saturate the color by 10%, you get **4562076**, and if you desaturate by 10%, it is **6659228**.

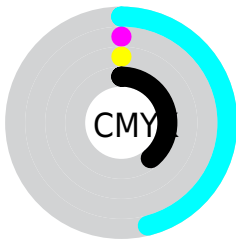
# Distribution



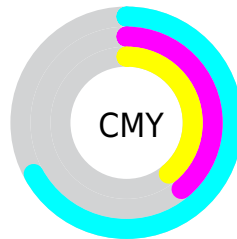
- Red (33%)
- Green (61%)
- Blue (61%)



- Red (33%)
- Yellow (47%)
- Blue (61%)



- Cyan (46%)
- Magenta (0%)
- Yellow (0%)
- Black (39%)



- Cyan (67%)
- Magenta (39%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5610652 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 5610652 by changing the saturation by 10% instead.



■ 5610652

■ 5610652

16777215

■ 3834498

■ 9163730

■ 1796201

■ 11005935

■ 20561

■ 12845055

■ 14650

■ 14745599

■ 8996

16711679

■ 272

■ 0

■ 5610652

■ 5610652

■ 4562076

■ 6659228

■ 3579036

■ 7642268

■ 2530460

■ 8690844

■ 1547420

■ 9673884

■ 498844

■ 10722460

■ 40092

■ 11771036

■ 12754076

■ 13802652

■ 14785692

# Harmonies

## Analogous

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



6658951



5610652



5675694

# Triad

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



5610652



10651564



10980457

# Complementary

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



5610652



10245461

# 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.



11896435



5610652



11829914

# Square

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



5610652



8949431



12223109



9671529

# Rectangle

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



5610652



6526902



12223109



11373163



# Sweetspot

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



5610652



11521228



5610581



5596774



15132390



6710886



# Same Dimension

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



5610652



6081740



5601692



4673359



36751



3855



# Inverse Universe

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



10245532



13393100



10254677



5195599



9371791

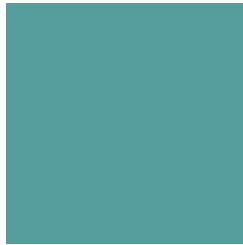


983055



# Previews

## White Background



This preview shows how the Decimal color 5610652 looks on a white background.

## Color Contrast Check

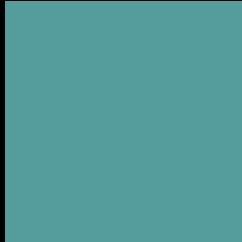
Large Text (above 18pt) WCAG AA ✓ Pass

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 5610652 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

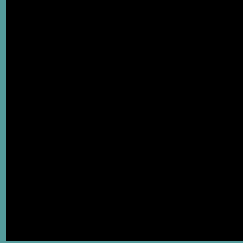
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5610652 Background



This preview shows how black text looks on a background with the Decimal color 5610652.

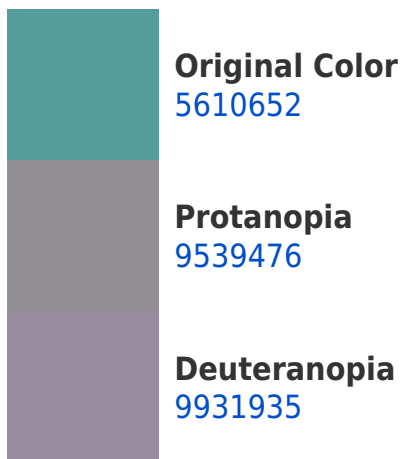


This preview shows how white text looks on a background with the Decimal color 5610652.

# 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



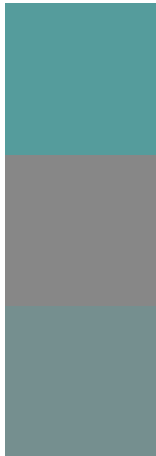
**Original Color**  
5610652

**Protanomaly**  
8098967

**Deuteranomaly**  
8360606

**Tritanomaly**  
5741475

# Monochromacy



**Original Color**  
5610652

**Achromatopsia**  
8882055

**Achromatomaly**  
7704463

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5610652 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 #559C9C looks like.

```
.text, #text, p{  
    color:#559C9C  
}
```

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 #559C9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #559C9C
}
```

## Border

The CSS property to change the border of an element to Decimal 5610652 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
#559C9C }
```

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

```
.border{ border-color:#559C9C }
```

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

Here you see how a box with a 4 pixel #559C9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #559C9C; -webkit-box-shadow:4px 4px  
4px 4px #559C9C; box-shadow:4px 4px 4px  
4px #559C9C }
```

# Background

The CSS property to change the background color of an element to Decimal 5610652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#559C9C }
```

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

```
.background{ background-color:#559C9C }
```

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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