

# Converting Colors

Decimal(5679271)

Have a look what the booklet for  
Decimal(5679271) contains.

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# **Color**

**Decimal(5679271)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56A8A7
RGB	86, 168, 167
RGB Percent	34%, 66%, 65%
CMY	0.6627, 0.3412, 0.3451
CMYK	0.49, 0.00, 0.01, 0.34
HSL	179°, 32%, 50%
HSV	179°, 49%, 66%
XYZ	24.8154, 32.7737, 41.5773
YIQ	143.3680, -48.5510, -17.6950

# Conversions

## Conversions Part 2

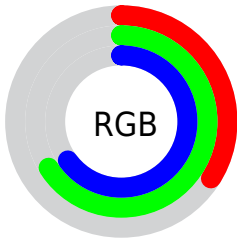
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 127, 168
Decimal	5679271
CIELab	63.98, -25.16, -7.21
CIElCh	64, 26.172, 195.982
Yxy	32.7737, 0.2502, 0.3305
Android (android.graphics.Color)	4283869351 (0xFF56A8A7)
YUV	143.3680, 11.6506, -50.3117
Hunter-Lab	57.2483, -22.8102, -2.9862

# Details

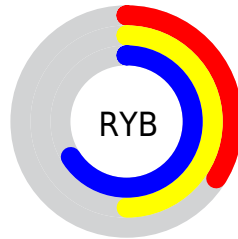
The Decimal color **5679271** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11032151**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **9363422**, and **1537139** is the 20% darker color. If you saturate the color by 10%, you get **4565159**, and if you desaturate by 10%, it is **6793383**.

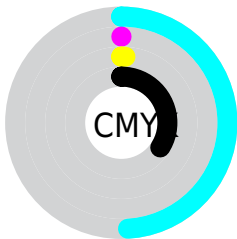
# Distribution



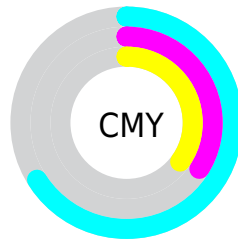
- Red (34%)
- Green (66%)
- Blue (65%)



- Red (34%)
- Yellow (50%)
- Blue (66%)



- Cyan (49%)
- Magenta (0%)
- Yellow (1%)
- Black (34%)



- Cyan (66%)
- Magenta (34%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5679271 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 5679271 by changing the saturation by 10% instead.



■ 5679271

■ 5679271

16777215

■ 3771789

■ 9363422

■ 1537139

■ 11205883

■ 23387

■ 13041663

■ 17219

■ 15007743

■ 11309

■ 5913

■ 0

■ 5679271

■ 5679271

■ 4565159

■ 6793383

■ 3451047

■ 7907495

■ 2402470

■ 8956072

■ 1288358

■ 10070184

■ 174246

■ 11184296

■ 43174

■ 12298408

■ 13412520

■ 14461097

■ 15575209

# Harmonies

## Analogous

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



6989711



5679271



5678780

# Triad

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



5679271



11440572



11966062

# Complementary

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



5679271



11032151

# 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.



12947066



5679271



12749735

# Square

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



5679271



9411016



13273743



10460782

# Rectangle

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



5679271



6595525



13273743



12358513



# Sweetspot

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



5679271



12245979



5744726



5926509



15592941



7237230



# Same Dimension

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



5679271



5954522



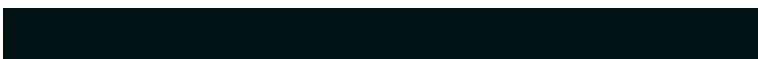
5669032



5002324



38034



5140



# Inverse Universe

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



11032151



14375515



11042390



5524556



9699330

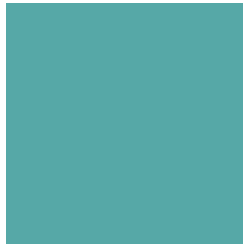


1310720



# Previews

## White Background



This preview shows how the Decimal color 5679271 looks on a white background.

## Color Contrast Check

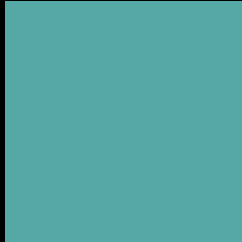
Large Text (above 18pt) WCAG AA × Fail

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 5679271 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

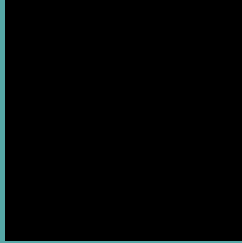
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 5679271 Background



This preview shows how black text looks on a background with the Decimal color 5679271.



This preview shows how white text looks on a background with the Decimal color 5679271.

# 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



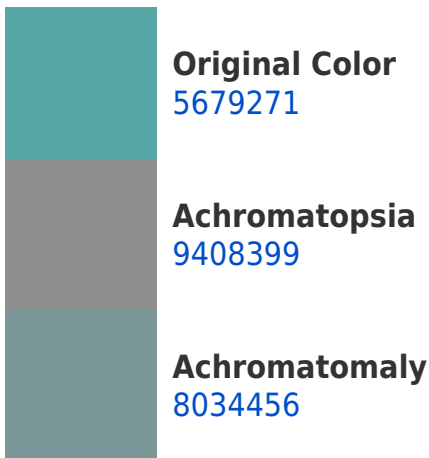


**Tritanopia**  
5940915

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5679271 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 #56A8A7 looks like.

```
.text, #text, p{  
  color:#56A8A7  
}
```

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 #56A8A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56A8A7
}
```

## Border

The CSS property to change the border of an element to Decimal 5679271 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
#56A8A7 }
```

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

```
.border{ border-color:#56A8A7 }
```

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

Here you see how a box with a 4 pixel #56A8A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56A8A7; -webkit-box-shadow:4px 4px  
4px 4px #56A8A7; box-shadow:4px 4px 4px  
4px #56A8A7 }
```

# Background

The CSS property to change the background color of an element to Decimal 5679271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56A8A7 }
```

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

```
.background{ background-color:#56A8A7 }
```

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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