

# Converting Colors

Decimal(6002854)

Have a look what the booklet for  
Decimal(6002854) contains.

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# Color

**Decimal(6002854)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B98A6
RGB	91, 152, 166
RGB Percent	36%, 60%, 65%
CMY	0.6431, 0.4039, 0.3490
CMYK	0.45, 0.08, 0.00, 0.35
HSL	191°, 30%, 50%
HSV	191°, 45%, 65%
XYZ	22.4256, 27.4338, 40.1897
YIQ	135.3570, -40.8500, -8.5780

# Conversions

## Conversions Part 2

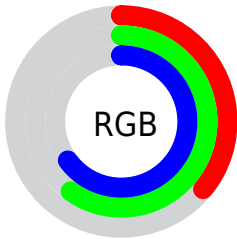
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 125, 166
Decimal	6002854
CIE <sub>Lab</sub>	59.37, -15.92, -13.51
CIE <sub>LCh</sub>	59, 20.884, 220.312
Yxy	27.4338, 0.2490, 0.3047
Android (android.graphics.Color)	4284192934 (0xFF5B98A6)
YUV	135.3570, 15.1070, -38.9011
Hunter-Lab	52.3773, -15.2347, -8.8298

# Details

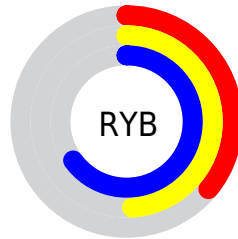
The Decimal color **6002854** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **10905947**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **9555677**, and **2385266** is the 20% darker color. If you saturate the color by 10%, you get **4887974**, and if you desaturate by 10%, it is **7117734**.

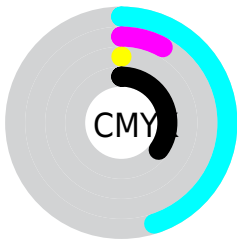
# Distribution



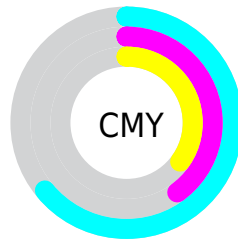
- Red (36%)
- Green (60%)
- Blue (65%)



- Red (36%)
- Yellow (49%)
- Blue (65%)



- Cyan (45%)
- Magenta (8%)
- Yellow (0%)
- Black (35%)



- Cyan (64%)
- Magenta (40%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6002854 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 6002854 by changing the saturation by 10% instead.



6002854

6002854

16777215

4226700

9555677

2385266

11398138

19802

13238271

13890

15138815

8492

280

0

6002854

6002854

4887974

7117734

■ 3838630

■ 8167078

■ 2723750

■ 9281958

■ 1674406

■ 10331302

■ 559526

■ 11446182

■ 34726

■ 12561318

■ 13610662

■ 14725542

■ 15774886

# Harmonies

## Analogous

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



6199701



6002854



6919345

# Triad

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



6002854



11305884



9867371

# Complementary

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



6002854



10905947

# 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.



10979949



6002854



11829897

# Square

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



6002854



10127531



11699320



8557939

# Rectangle

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



6002854



7967155



11699320



10260074



# Sweetspot

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



6002854



12243929



6006377



5991022



15592941



7237230



# Same Dimension

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



6002854



6603737



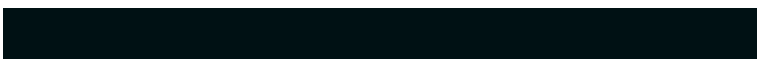
5993382



5002068



30868



4372



# Inverse Universe

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



10902424



14247107



10915419



5524563



9699448

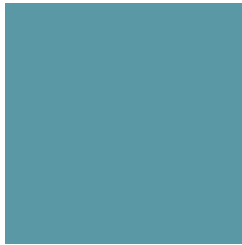


1310737



# Previews

## White Background



This preview shows how the Decimal color 6002854 looks on a white background.

## Color Contrast Check

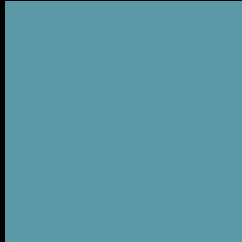
Large Text (above 18pt) WCAG AA ✓ Pass

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 6002854 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

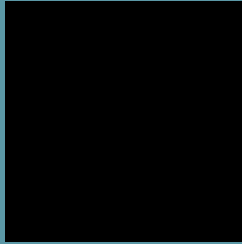
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6002854 Background



This preview shows how black text looks on a background with the Decimal color 6002854.

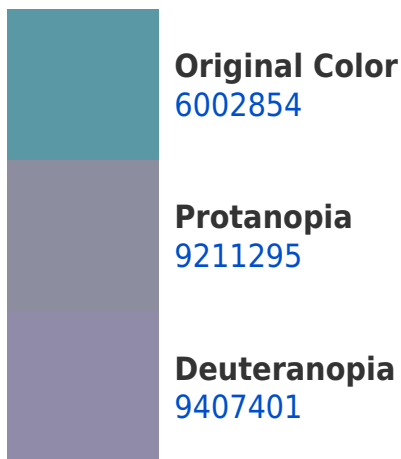


This preview shows how white text looks on a background with the Decimal color 6002854.

# 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](#).

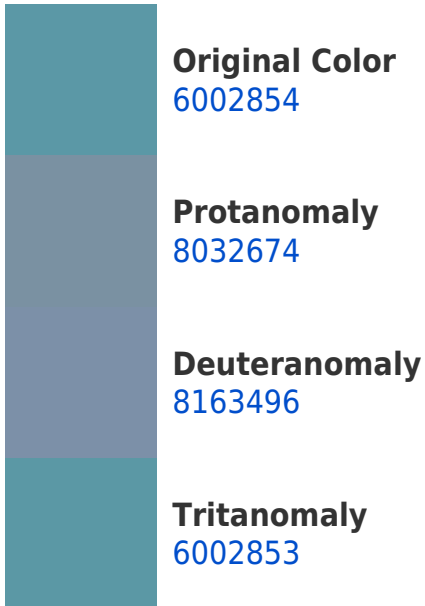
## Dichromacy



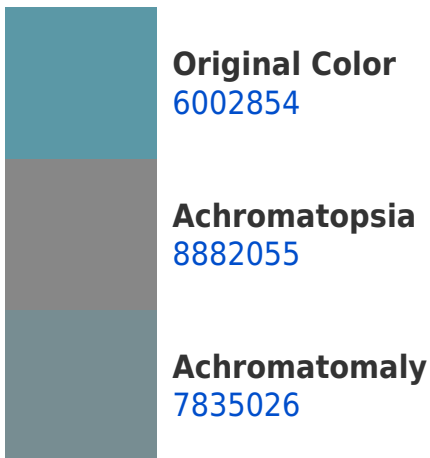


**Tritanopia**  
6002853

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6002854 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 #5B98A6 looks like.

```
.text, #text, p{  
    color:#5B98A6  
}
```

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 #5B98A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B98A6
}
```

## Border

The CSS property to change the border of an element to Decimal 6002854 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
#5B98A6 }
```

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

```
.border{ border-color:#5B98A6 }
```

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

Here you see how a box with a 4 pixel #5B98A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B98A6; -webkit-box-shadow:4px 4px  
4px 4px #5B98A6; box-shadow:4px 4px 4px  
4px #5B98A6 }
```

# Background

The CSS property to change the background color of an element to Decimal 6002854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B98A6 }
```

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

```
.background{ background-color:#5B98A6 }
```

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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