

# Converting Colors

Decimal(6006691)

Have a look what the booklet for  
Decimal(6006691) contains.

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# **Color**

**Decimal(6006691)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BA7A3
RGB	91, 167, 163
RGB Percent	36%, 65%, 64%
CMY	0.6431, 0.3451, 0.3608
CMYK	0.46, 0.00, 0.02, 0.35
HSL	177°, 30%, 51%
HSV	177°, 46%, 65%
XYZ	24.7440, 32.5059, 39.6205
YIQ	143.8200, -44.0120, -17.3560

# Conversions

## Conversions Part 2

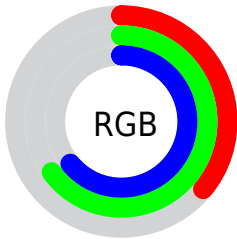
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 130, 167
Decimal	6006691
CIELab	63.76, -24.53, -5.27
CIELCh	64, 25.086, 192.127
Yxy	32.5059, 0.2554, 0.3356
Android (android.graphics.Color)	4284196771 (0xFF5BA7A3)
YUV	143.8200, 9.4557, -46.3231
Hunter-Lab	57.0140, -22.3058, -1.2924

# Details

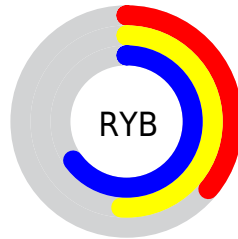
The Decimal color **6006691** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10967903**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **9625306**, and **2192239** is the 20% darker color. If you saturate the color by 10%, you get **4892578**, and if you desaturate by 10%, it is **7120804**.

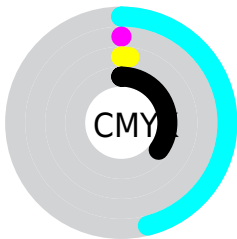
# Distribution



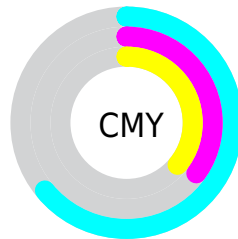
- Red (36%)
- Green (65%)
- Blue (64%)



- Red (36%)
- Yellow (51%)
- Blue (65%)



- Cyan (46%)
- Magenta (0%)
- Yellow (2%)
- Black (35%)



- Cyan (64%)
- Magenta (35%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6006691 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 6006691 by changing the saturation by 10% instead.





6006691



6006691

16777215



4164745



9625306



2192239



11467766



23127



13303807



16960



15204351



11050



5654



0



6006691



6006691



4892578



7120804

■ 3844001

■ 8169381

■ 2729888

■ 9283494

■ 1615775

■ 10397607

■ 501663

■ 11446183

■ 42910

■ 12560296

■ 13674409

■ 14788522

■ 15837099

# Harmonies

## Analogous

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



7317132



6006691



5809592

# Triad

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



6006691



11113148



12031088

# Complementary

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



6006691



10967903

# 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.



12881533



6006691



12487849

# Square

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



6006691



9148870



13142674



10591343

# Rectangle

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



6006691



6595265



13142674



12358260



# Sweetspot

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



6006691



12245463



6334299



5992045



15592941



7237230



# Same Dimension

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



6006691



6478290



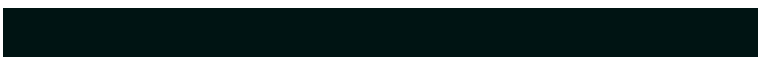
5998247



5002324



38028



5139



# Inverse Universe

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



10967903



14246504



10976347



5524556



9699336

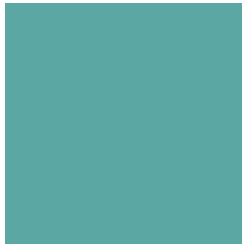


1310721



# Previews

## White Background



This preview shows how the Decimal color 6006691 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 6006691 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

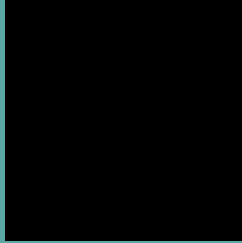
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 6006691 Background



This preview shows how black text looks on a background with the Decimal color 6006691.

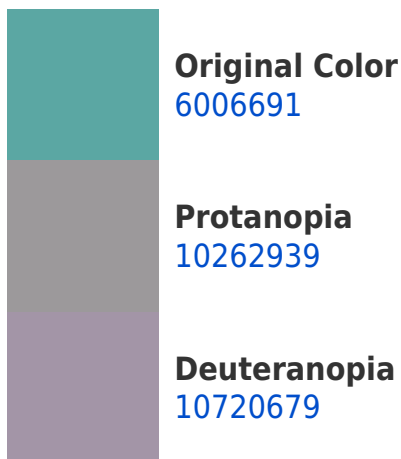



This preview shows how white text looks on a background with the Decimal color 6006691.

# 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**  
6333874

# Trichromacy



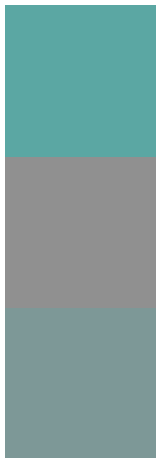
**Original Color**  
6006691

**Protanomaly**  
8691358

**Deuteranomaly**  
9018534

**Tritanomaly**  
6203053

# Monochromacy



**Original Color**  
6006691

**Achromatopsia**  
9474192

**Achromatomaly**  
8231063

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6006691 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 #5BA7A3 looks like.

```
.text, #text, p{  
    color:#5BA7A3  
}
```

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 #5BA7A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BA7A3
}
```

## Border

The CSS property to change the border of an element to Decimal 6006691 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
#5BA7A3 }
```

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

```
.border{ border-color:#5BA7A3 }
```

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

Here you see how a box with a 4 pixel #5BA7A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BA7A3; -webkit-box-shadow:4px 4px  
4px 4px #5BA7A3; box-shadow:4px 4px 4px  
4px #5BA7A3 }
```

# Background

The CSS property to change the background color of an element to Decimal 6006691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BA7A3 }
```

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

```
.background{ background-color:#5BA7A3 }
```

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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