

# Converting Colors

Decimal(6006944)

Have a look what the booklet for  
Decimal(6006944) contains.

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# **Color**

**Decimal(6006944)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BA8A0
RGB	91, 168, 160
RGB Percent	36%, 66%, 63%
CMY	0.6431, 0.3412, 0.3725
CMYK	0.46, 0.00, 0.05, 0.34
HSL	174°, 31%, 51%
HSV	174°, 46%, 66%
XYZ	24.6622, 32.7675, 38.2826
YIQ	144.0650, -43.3240, -18.8120

# Conversions

## Conversions Part 2

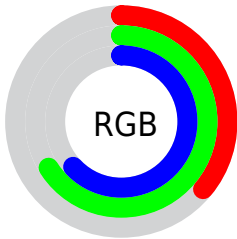
Format	Color
<b>RYB</b>	91, 132, 168
Decimal	6006944
CIELab	63.97, -25.80, -3.28
CIELCh	64, 26.005, 187.238
Yxy	32.7675, 0.2577, 0.3424
Android (android.graphics.Color)	4284197024 (0xFF5BA8A0)
YUV	144.0650, 7.8560, -46.5380
Hunter-Lab	57.2429, -23.2712, 0.4183

# Details

The Decimal color **6006944** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11033443**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **9625559**, and **2258029** is the 20% darker color. If you saturate the color by 10%, you get **4892830**, and if you desaturate by 10%, it is **7121058**.

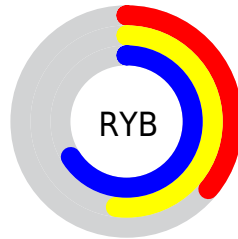
# Distribution



Red (36%)

Green (66%)

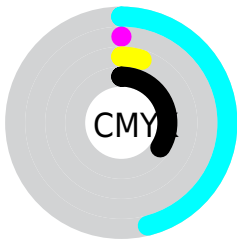
Blue (63%)



Red (36%)

Yellow (52%)

Blue (66%)

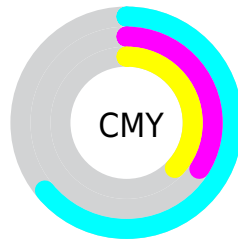


Cyan (46%)

Magenta (0%)

Yellow (5%)

Black (34%)



Cyan (64%)

Magenta (34%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6006944 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 6006944 by changing the saturation by 10% instead.





6006944



6006944

16777215



4164998



9625559



2258029



11468019



23380



13303807



17213



15204351



11304



5907



0



6006944



6006944



4892830



7121058

■ 3778717

■ 8235171

■ 2730139

■ 9283749

■ 1616025

■ 10397863

■ 501911

■ 11511977

■ 43159

■ 12626090

■ 13740204

■ 14788782

■ 15902896

# Harmonies

## Analogous

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



7513736



6006944



5547958

# Triad

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



6006944



10916800



12293233

# Complementary

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



6006944



11033443

# 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.



13143424



6006944



12422317

# Square

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



6006944



8821705



13208214



10918765

# Rectangle

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



6006944



6137025



13208214



12620149



# Sweetspot

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



6006944



12442584



6596699



5992044



15592941



7237230



# Same Dimension

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



6006944



6544335



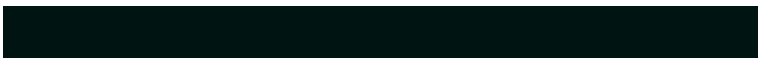
5999272



5002323



38021



5138



# Inverse Universe

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



11033443



14377839



11041115



5524557



9699343

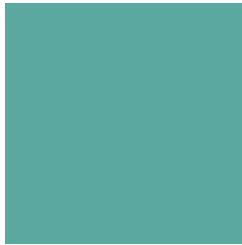


1310722



# Previews

## White Background



This preview shows how the Decimal color 6006944 looks on a white background.

## Color Contrast Check

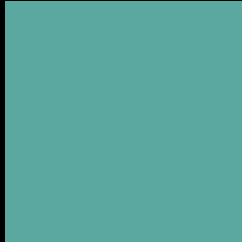
Large Text (above 18pt) WCAG AA × Fail

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 6006944 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

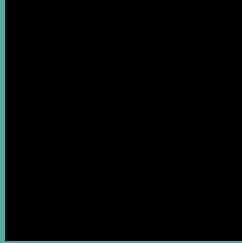
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 6006944 Background



This preview shows how black text looks on a background with the Decimal color 6006944.

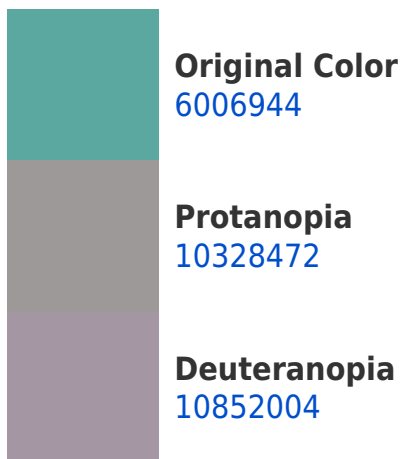



This preview shows how white text looks on a background with the Decimal color 6006944.

# 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**  
6399411

# Trichromacy



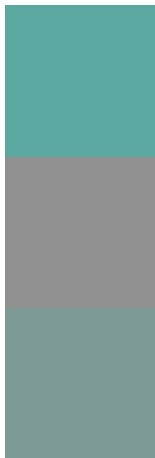
**Original Color**  
6006944

**Protanomaly**  
8756891

**Deuteranomaly**  
9084323

**Tritanomaly**  
6268588

# Monochromacy



**Original Color**  
6006944

**Achromatopsia**  
9474192

**Achromatomaly**  
8231318

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6006944 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 #5BA8A0 looks like.

```
.text, #text, p{  
    color:#5BA8A0  
}
```

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 #5BA8A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BA8A0
}
```

## Border

The CSS property to change the border of an element to Decimal 6006944 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
#5BA8A0 }
```

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

```
.border{ border-color:#5BA8A0 }
```

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

Here you see how a box with a 4 pixel #5BA8A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BA8A0; -webkit-box-shadow:4px 4px  
4px 4px #5BA8A0; box-shadow:4px 4px 4px  
4px #5BA8A0 }
```

# Background

The CSS property to change the background color of an element to Decimal 6006944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BA8A0 }
```

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

```
.background{ background-color:#5BA8A0 }
```

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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