

# Converting Colors

Decimal(5996934)

Have a look what the booklet for  
Decimal(5996934) contains.

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# Color

**Decimal(5996934)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B8186
RGB	91, 129, 134
RGB Percent	36%, 51%, 53%
CMY	0.6431, 0.4941, 0.4745
CMYK	0.32, 0.04, 0.00, 0.47
HSL	187°, 19%, 44%
HSV	187°, 32%, 53%
XYZ	16.4677, 19.6459, 25.4784
YIQ	118.2080, -24.2530, -6.5010

# Conversions

## Conversions Part 2

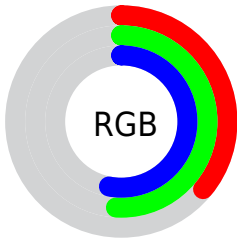
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 111, 134
Decimal	5996934
CIE <sub>Lab</sub>	51.43, -11.92, -6.98
CIE <sub>LCh</sub>	51, 13.816, 210.336
Yxy	19.6459, 0.2674, 0.3190
Android (android.graphics.Color)	4284187014 (0xFF5B8186)
YUV	118.2080, 7.7855, -23.8614
Hunter-Lab	44.3237, -11.2478, -3.0548

# Details

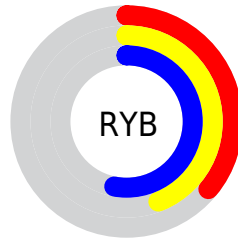
The Decimal color **5996934** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8806491**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **9418427**, and **2773076** is the 20% darker color. If you saturate the color by 10%, you get **5144454**, and if you desaturate by 10%, it is **6849414**.

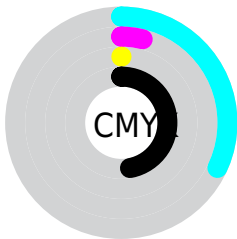
# Distribution



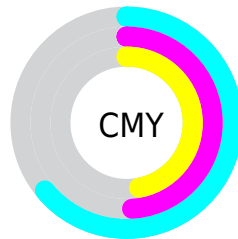
- Red (36%)
- Green (51%)
- Blue (53%)



- Red (36%)
- Yellow (44%)
- Blue (53%)



- Cyan (32%)
- Magenta (4%)
- Yellow (0%)
- Black (47%)



- Cyan (64%)
- Magenta (49%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5996934 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 5996934 by changing the saturation by 10% instead.



■ 5996934

■ 5996934

16777215

■ 4352109

■ 9418427

■ 2773076

■ 11195095

■ 1128765

■ 12971763

■ 9000

■ 14811135

■ 2835

16711679

■ 0

■ 5996934

■ 5996934

■ 5144454

■ 6849414

■ 4226694

■ 7767174

■ 3374214

■ 8619654

■ 2456454

■ 9537414

■ 1603974

■ 10389894

■ 751750

■ 11242118

■ 30342

■ 12160134

■ 13012358

■ 13930374

# Harmonies

## Analogous

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



6259066



5996934



6324111

# Triad

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



5996934



9073798



8682083

# Complementary

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



5996934



8806491

# 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.



9336422



5996934



9597563

# Square

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



5996934



8222863



9663343



7830886

# Rectangle

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



5996934



6913426



9663343



8943716



# Sweetspot

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



5996934



10267565



5998175



5002583



14079702



5723991



# Same Dimension

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



5996934



6989485



5991558



3949122



29570



515



# Inverse Universe

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



8805249



11365030



8811867



4340802



8519795



196610



# Previews

## White Background



This preview shows how the Decimal color 5996934 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 5996934 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

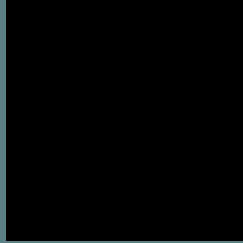
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5996934 Background



This preview shows how black text looks on a background with the Decimal color 5996934.

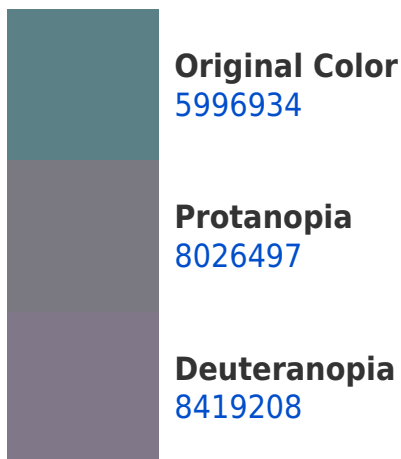


This preview shows how white text looks on a background with the Decimal color 5996934.

# Color Blindness Simulation

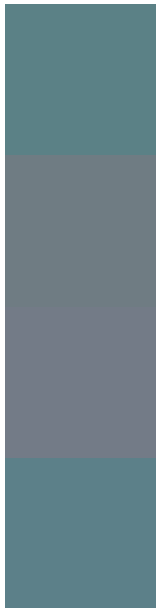
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
5996934

**Protanomaly**  
7306371

**Deuteranomaly**  
7568263

**Tritanomaly**  
6062217

# Monochromacy



**Original Color**  
5996934

**Achromatopsia**  
7763574

**Achromatomaly**  
7109244

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5996934 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 #5B8186 looks like.

```
.text, #text, p{  
    color:#5B8186  
}
```

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 #5B8186 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B8186
}
```

## Border

The CSS property to change the border of an element to Decimal 5996934 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
#5B8186 }
```

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

```
.border{ border-color:#5B8186 }
```

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

Here you see how a box with a 4 pixel #5B8186 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B8186; -webkit-box-shadow:4px 4px  
4px 4px #5B8186; box-shadow:4px 4px 4px  
4px #5B8186 }
```

# Background

The CSS property to change the background color of an element to Decimal 5996934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B8186 }
```

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

```
.background{ background-color:#5B8186 }
```

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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