

# Converting Colors

Decimal(6183809)

Have a look what the booklet for  
Decimal(6183809) contains.

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# Color

**Decimal(6183809)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E5B81
RGB	94, 91, 129
RGB Percent	37%, 36%, 51%
CMY	0.6314, 0.6431, 0.4941
CMYK	0.27, 0.29, 0.00, 0.49
HSL	245°, 17%, 43%
HSV	245°, 29%, 51%
XYZ	12.3196, 11.4468, 22.3290
YIQ	96.2290, -10.4100, 12.4540

# Conversions

## Conversions Part 2

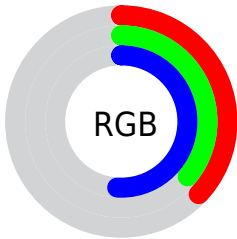
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 91, 129
Decimal	6183809
CIE <sub>Lab</sub>	40.32, 10.27, -20.83
CIE <sub>LCh</sub>	40, 23.226, 296.239
Yxy	11.4468, 0.2673, 0.2483
Android (android.graphics.Color)	4284373889 (0xFF5E5B81)
YUV	96.2290, 16.1561, -1.9548
Hunter-Lab	33.8332, 5.7889, -15.4467

# Details

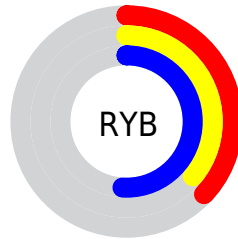
The Decimal color **6183809** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8290651**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **9538998**, and **3026256** is the 20% darker color. If you saturate the color by 10%, you get **5394049**, and if you desaturate by 10%, it is **6973569**.

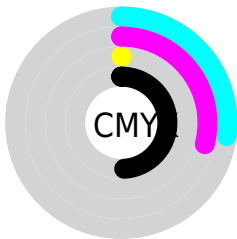
# Distribution



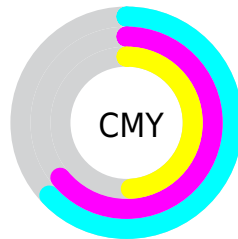
- Red (37%)
- Green (36%)
- Blue (51%)



- Red (37%)
- Yellow (36%)
- Blue (51%)



- Cyan (27%)
- Magenta (29%)
- Yellow (0%)
- Black (49%)



- Cyan (63%)
- Magenta (64%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6183809 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 6183809 by changing the saturation by 10% instead.





6183809



6183809

16777215



4605032



9538998



3026256



11315154



1579320



13157358



131107



14999551



10



16776191



0



6183809



6183809



5394049



6973569



4604289



7763329

■ 3814529

■ 8553089

■ 3024769

■ 9342849

■ 2300801

■ 10066817

■ 1511041

■ 10856577

■ 721281

■ 11646337

■ 655489

■ 12436097

■ 13225857

# Harmonies

## Analogous

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



4219525



6183809



7689332

# Triad

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



6183809



8214336



2910556

# Complementary

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



6183809



8290651

# 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.



4482889



6183809



7232825

# Square

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



6183809



8671823



5989180



1599855

# Rectangle

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



6183809



8343913



5989180



3500373



# Sweetspot

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



6183809



10131880



5996161



5000020



13948116



5526612



# Same Dimension

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



6183809



7499176



7428993



3815744



655488



0



# Inverse Universe

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



8477566



11038116



7045467



4208959



8388725



0



# Previews

## White Background



This preview shows how the Decimal color 6183809 looks on a white background.

## Color Contrast Check

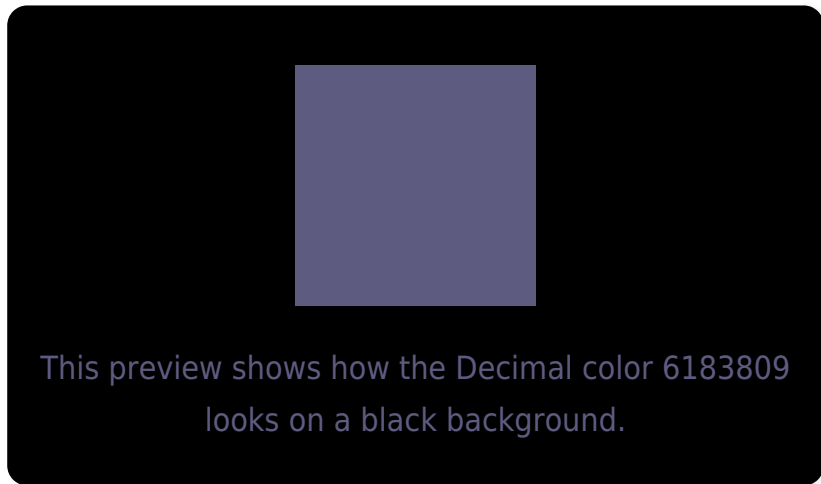
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

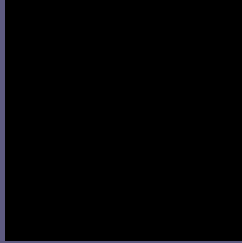
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6183809 Background



This preview shows how black text looks on a background with the Decimal color 6183809.



This preview shows how white text looks on a background with the Decimal color 6183809.

# 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



**Original Color**  
6183809

**Protanopia**  
5529219

**Deuteranopia**  
5594752



**Tritanopia**  
5857384

# Trichromacy



**Original Color**  
6183809

**Protanomaly**  
5791106

**Deuteranomaly**  
5791104

**Tritanomaly**  
5987953

# Monochromacy



**Original Color**  
6183809

**Achromatopsia**  
6316128

**Achromatomaly**  
6250092

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6183809 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 #5E5B81 looks like.

```
.text, #text, p{  
    color:#5E5B81  
}
```

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 #5E5B81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E5B81
}
```

## Border

The CSS property to change the border of an element to Decimal 6183809 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
#5E5B81 }
```

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

```
.border{ border-color:#5E5B81 }
```

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

Here you see how a box with a 4 pixel #5E5B81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E5B81; -webkit-box-shadow:4px 4px  
4px 4px #5E5B81; box-shadow:4px 4px 4px  
4px #5E5B81 }
```

# Background

The CSS property to change the background color of an element to Decimal 6183809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E5B81 }
```

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

```
.background{ background-color:#5E5B81 }
```

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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