

# Converting Colors

Decimal(6193275)

Have a look what the booklet for  
Decimal(6193275) contains.

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# Color

**Decimal(6193275)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E807B
RGB	94, 128, 123
RGB Percent	37%, 50%, 48%
CMY	0.6314, 0.4980, 0.5176
CMYK	0.27, 0.00, 0.04, 0.50
HSL	171°, 15%, 44%
HSV	171°, 27%, 50%
XYZ	15.9104, 19.2481, 21.6156
YIQ	117.2640, -18.6590, -8.7630

# Conversions

## Conversions Part 2

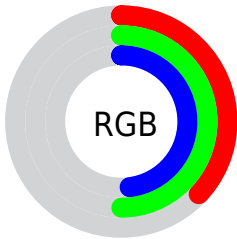
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 112, 128
Decimal	6193275
CIE Lab	50.98, -13.13, -1.20
CIE LCh	51, 13.184, 185.203
Yxy	19.2481, 0.2802, 0.3390
Android (android.graphics.Color)	4284383355 (0xFF5E807B)
YUV	117.2640, 2.8278, -20.4025
Hunter-Lab	43.8726, -12.0441, 1.4993

# Details

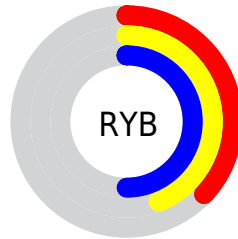
The Decimal color **6193275** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8412771**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **9549231**, and **3034954** is the 20% darker color. If you saturate the color by 10%, you get **5341305**, and if you desaturate by 10%, it is **7045245**.

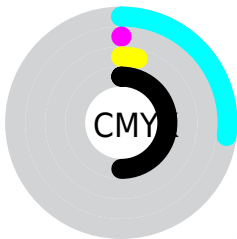
# Distribution



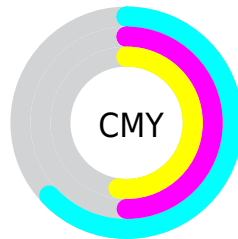
- Red (37%)
- Green (50%)
- Blue (48%)



- Red (37%)
- Yellow (44%)
- Blue (50%)



- Cyan (27%)
- Magenta (0%)
- Yellow (4%)
- Black (50%)



- Cyan (63%)
- Magenta (50%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6193275 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 6193275 by changing the saturation by 10% instead.





6193275



6193275

16777215



4613986



9549231



3034954



11325643



1521716



13168103



74271



15007743



1798



0



6193275



6193275



5341305



7045245



4489335



7897215

■ 3702901

■ 8683649

■ 2850931

■ 9535619

■ 1998962

■ 10387588

■ 1146992

■ 11239558

■ 295022

■ 12091528

■ 32877

■ 12877962

■ 13729932

# Harmonies

## Analogous

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



6782832



6193275



6061958

# Triad

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



6193275



8287884



9139813

# Complementary

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



6193275



8412771

# 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.



9466733



6193275



9073539

# Square

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



6193275



7305872



9466488



8419683

# Rectangle

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



6193275



6258315



9466488



9270375



# Sweetspot

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



6193275



10004132



6520926



5002323



13948116



5526612



# Same Dimension

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



6193275



7448222



6190208



3751999



32877



0



# Inverse Universe

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



8412771



10908025



8415838



4208954



8388627



0



# Previews

## White Background



This preview shows how the Decimal color 6193275 looks on a white background.

## Color Contrast Check

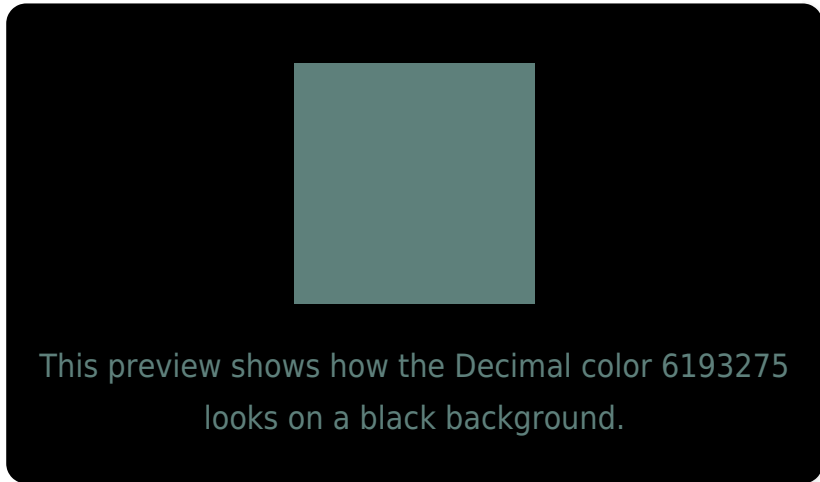
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

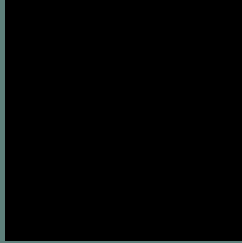
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

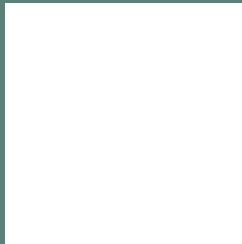
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6193275 Background



This preview shows how black text looks on a background with the Decimal color 6193275.

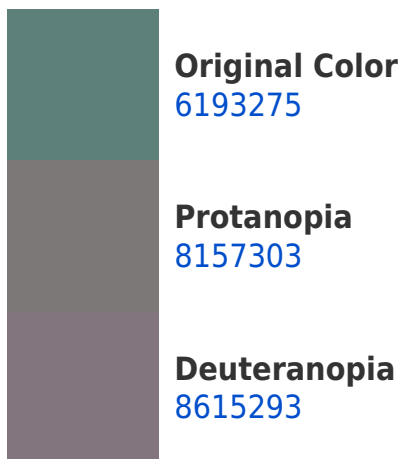


This preview shows how white text looks on a background with the Decimal color 6193275.

# 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**  
6193275

**Protanomaly**  
7437176

**Deuteranomaly**  
7764348

**Tritanomaly**  
6324099

# Monochromacy



**Original Color**  
6193275

**Achromatopsia**  
7697781

**Achromatomaly**  
7174519

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6193275 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 #5E807B looks like.

```
.text, #text, p{  
    color:#5E807B  
}
```

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 #5E807B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E807B
}
```

## Border

The CSS property to change the border of an element to Decimal 6193275 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
#5E807B }
```

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

```
.border{ border-color:#5E807B }
```

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

Here you see how a box with a 4 pixel #5E807B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E807B; -webkit-box-shadow:4px 4px  
4px 4px #5E807B; box-shadow:4px 4px 4px  
4px #5E807B }
```

# Background

The CSS property to change the background color of an element to Decimal 6193275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E807B }
```

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

```
.background{ background-color:#5E807B }
```

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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