

# Converting Colors

Decimal(6266765)

Have a look what the booklet for  
Decimal(6266765) contains.

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# Color

**Decimal(6266765)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F9F8D
RGB	95, 159, 141
RGB Percent	37%, 62%, 55%
CMY	0.6275, 0.3765, 0.4471
CMYK	0.40, 0.00, 0.11, 0.38
HSL	163°, 25%, 50%
HSV	163°, 40%, 62%
XYZ	21.9252, 29.1523, 29.6707
YIQ	137.8120, -32.3660, -19.1660

# Conversions

## Conversions Part 2

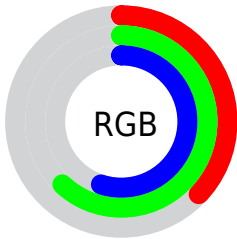
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 132, 159
Decimal	6266765
CIE <sub>Lab</sub>	60.92, -24.89, 2.95
CIE <sub>LCh</sub>	61, 25.061, 173.241
Yxy	29.1523, 0.2715, 0.3610
Android (android.graphics.Color)	4284456845 (0xFF5F9F8D)
YUV	137.8120, 1.5717, -37.5461
Hunter-Lab	53.9928, -22.0030, 5.2134

# Details

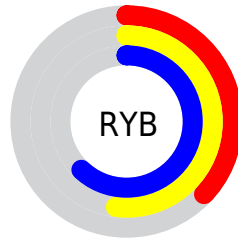
The Decimal color **6266765** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **10444657**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **9754307**, and **2845531** is the 20% darker color. If you saturate the color by 10%, you get **5218185**, and if you desaturate by 10%, it is **7315345**.

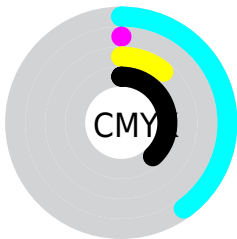
# Distribution



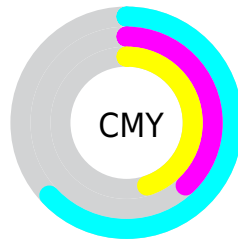
- Red (37%)
- Green (62%)
- Blue (55%)



- Red (37%)
- Yellow (52%)
- Blue (62%)



- Cyan (40%)
- Magenta (0%)
- Yellow (11%)
- Black (38%)



- Cyan (63%)
- Magenta (38%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6266765 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 6266765 by changing the saturation by 10% instead.





6266765



6266765

16777215



4556147



9754307



2845531



11596510



807748



13434875



15149



15335423



9497



1536



0



6266765



6266765



5218185



7315345

■ 4169604

■ 8363926

■ 3121024

■ 9412506

■ 2072443

■ 10461087

■ 1089399

■ 11509667

■ 40818

■ 12492712

■ 13541292

■ 14589873

■ 15638453

# Harmonies

## Analogous

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



7838840



6266765



5218212

# Triad

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



6266765



9408443



12093808

# Complementary

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



6266765



10444657

# 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.



12616835



6266765



11241646

# Square

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



6266765



7378878



12288921



11047015

# Rectangle

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



6266765



5348785



12288921



12355190



# Sweetspot

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



6266765



11980744



7446367



5925220



15263976



6908265



# Same Dimension

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



6266765



7065523



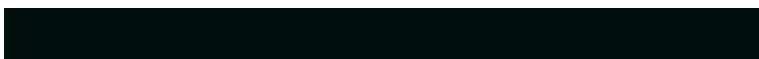
6263199



4673357



36711



3851



# Inverse Universe

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



10444657



13593479



10448223



5195593



9371688



983044



# Previews

## White Background



This preview shows how the Decimal color 6266765 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 6266765 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

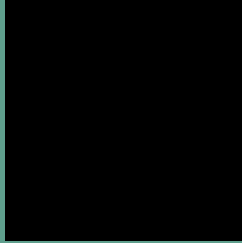
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6266765 Background



This preview shows how black text looks on a background with the Decimal color 6266765.

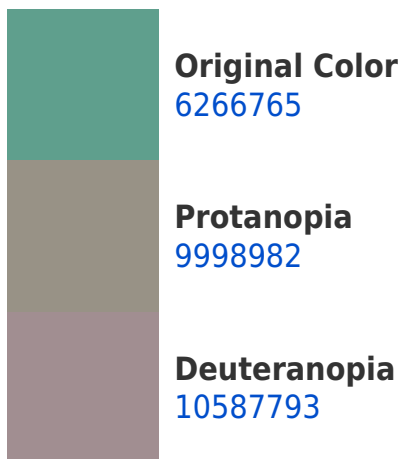


This preview shows how white text looks on a background with the Decimal color 6266765.

# 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



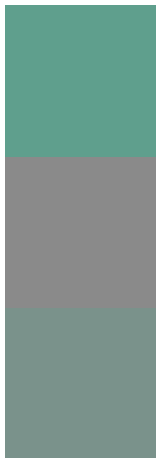
**Original Color**  
6266765

**Protanomaly**  
8624009

**Deuteranomaly**  
9016464

**Tritanomaly**  
6528158

# Monochromacy



**Original Color**  
6266765

**Achromatopsia**  
9079434

**Achromatomaly**  
8032907

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6266765 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 #5F9F8D looks like.

```
.text, #text, p{  
    color:#5F9F8D  
}
```

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 #5F9F8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F9F8D
}
```

## Border

The CSS property to change the border of an element to Decimal 6266765 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
#5F9F8D }
```

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

```
.border{ border-color:#5F9F8D }
```

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

Here you see how a box with a 4 pixel #5F9F8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F9F8D; -webkit-box-shadow:4px 4px  
4px 4px #5F9F8D; box-shadow:4px 4px 4px  
4px #5F9F8D }
```

# Background

The CSS property to change the background color of an element to Decimal 6266765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F9F8D }
```

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

```
.background{ background-color:#5F9F8D }
```

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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