

# Converting Colors

Decimal(6257561)

Have a look what the booklet for  
Decimal(6257561) contains.

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# Color

**Decimal(6257561)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F7B99
RGB	95, 123, 153
RGB Percent	37%, 48%, 60%
CMY	0.6275, 0.5176, 0.4000
CMYK	0.38, 0.20, 0.00, 0.40
HSL	211°, 23%, 49%
HSV	211°, 38%, 60%
XYZ	17.5520, 18.8987, 32.8597
YIQ	118.0480, -26.3180, 3.3940

# Conversions

## Conversions Part 2

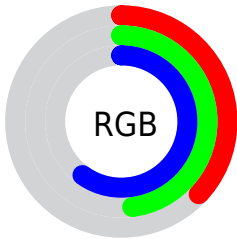
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	95, 114, 153
Decimal	6257561
CIE Lab	50.57, -2.20, -19.38
CIE LCh	51, 19.504, 263.514
Yxy	18.8987, 0.2532, 0.2727
Android (android.graphics.Color)	4284447641 (0xFF5F7B99)
YUV	118.0480, 17.2313, -20.2131
Hunter-Lab	43.4727, -4.0080, -14.3847

# Details

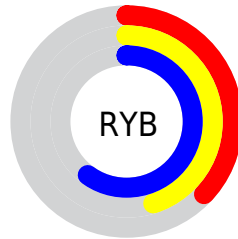
The Decimal color **6257561** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **10059103**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **9678799**, and **2968166** is the 20% darker color. If you saturate the color by 10%, you get **5272473**, and if you desaturate by 10%, it is **7242649**.

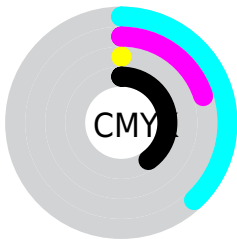
# Distribution



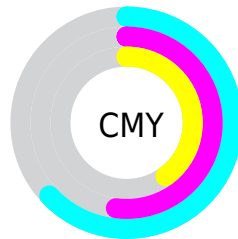
- Red (37%)
- Green (48%)
- Blue (60%)



- Red (37%)
- Yellow (45%)
- Blue (60%)



- Cyan (38%)
- Magenta (20%)
- Yellow (0%)
- Black (40%)



- Cyan (63%)
- Magenta (52%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6257561 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 6257561 by changing the saturation by 10% instead.



■ 6257561

■ 6257561

16777215

■ 4612735

■ 9678799

■ 2968166

■ 11521004

■ 1258574

■ 13297663

■ 7991

■ 15204351

■ 1570

■ 8

■ 0

■ 6257561

■ 6257561

■ 5272473

■ 7242649

■ 4221849

■ 8293273

■ 3236761

■ 9278361

■ 2251673

■ 10263449

■ 1201049

■ 11248537

■ 216217

■ 12298905

■ 19097

■ 13283993

■ 14269081

■ 15319705

# Harmonies

## Analogous

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



5013395



6257561



7763351

# Triad

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



6257561



10120556



6586212

# Complementary

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



6257561



10059103

# 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.



7830362



6257561



9793886

# Square

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



6257561



9923965



8943192



5407348

# Rectangle

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



6257561



8680081



8943192



6979168



# Sweetspot

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



6257561



11648199



6265213



5725539



14935011



6513507



# Same Dimension

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



6257561



7182791



6315929



4540749



17548



1549



# Inverse Universe

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



10051451



13069721



10000735



5064009



9175108



851974



# Previews

## White Background



This preview shows how the Decimal color 6257561 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 6257561 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

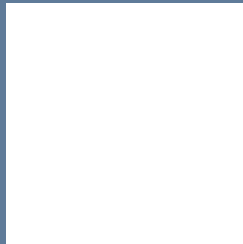
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6257561 Background



This preview shows how black text looks on a background with the Decimal color 6257561.

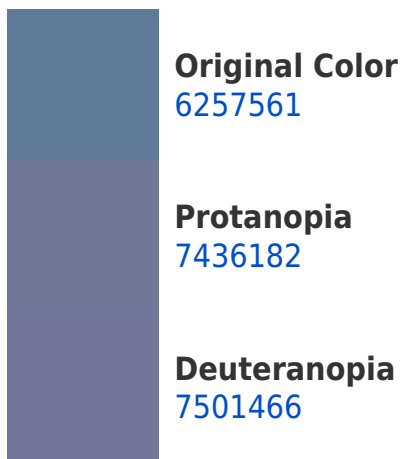



This preview shows how white text looks on a background with the Decimal color 6257561.

# 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**  
5996168

# Trichromacy



**Original Color**  
6257561

**Protanomaly**  
6977687

**Deuteranomaly**  
7043226

**Tritanomaly**  
6061454

# Monochromacy



**Original Color**  
6257561

**Achromatopsia**  
7763574

**Achromatomaly**  
7239811

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6257561 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 #5F7B99 looks like.

```
.text, #text, p{  
    color:#5F7B99  
}
```

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 #5F7B99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F7B99
}
```

## Border

The CSS property to change the border of an element to Decimal 6257561 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
#5F7B99 }
```

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

```
.border{ border-color:#5F7B99 }
```

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

Here you see how a box with a 4 pixel #5F7B99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F7B99; -webkit-box-shadow:4px 4px  
4px 4px #5F7B99; box-shadow:4px 4px 4px  
4px #5F7B99 }
```

# Background

The CSS property to change the background color of an element to Decimal 6257561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F7B99 }
```

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

```
.background{ background-color:#5F7B99 }
```

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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