

Converting Colors

Decimal(6187937)

Have a look what the booklet for
Decimal(6187937) contains.

Decimal(6187937)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6187937)

Conversions

Conversions Part 1

Format	Color
Hex	5E6BA1
RGB	94, 107, 161
RGB Percent	37%, 42%, 63%
CMY	0.6314, 0.5804, 0.3686
CMYK	0.42, 0.34, 0.00, 0.37
HSL	228°, 26%, 50%
HSV	228°, 42%, 63%
XYZ	16.3068, 15.4683, 35.8444
YIQ	109.2690, -25.0820, 14.0380

Conversions

Conversions Part 2

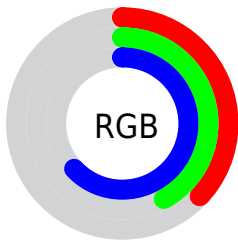
Format	Color
R_{YB}	94, 105, 161
Decimal	6187937
CIE _{Lab}	46.27, 9.43, -30.74
CIE _{LCh}	46, 32.150, 287.056
Yxy	15.4683, 0.2412, 0.2288
Android (android.graphics.Color)	4284378017 (0xFF5E6BA1)
YUV	109.2690, 25.5034, -13.3909
Hunter-Lab	39.3297, 5.1822, -26.5050

Details

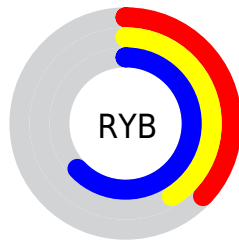
The Decimal color **6187937** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10589278**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **9674456**, and **2767981** is the 20% darker color. If you saturate the color by 10%, you get **5136033**, and if you desaturate by 10%, it is **7239841**.

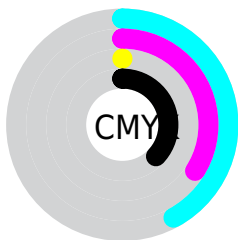
Distribution



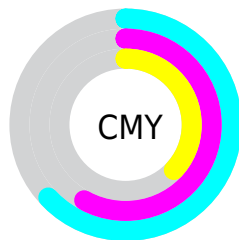
- Red (37%)
- Green (42%)
- Blue (63%)



- Red (37%)
- Yellow (41%)
- Blue (63%)



- Cyan (42%)
- Magenta (34%)
- Yellow (0%)
- Black (37%)



- Cyan (63%)
- Magenta (58%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6187937 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 6187937 by changing the saturation by 10% instead.

■ 6187937

■ 6187937

16777215

■ 4477831

■ 9674456

■ 2767981

■ 11450869

■ 862036

■ 13293055

■ 4669

■ 15200767

■ 807

■ 272

■ 0

■ 6187937

■ 6187937

■ 5136033

■ 7239841

■ 4084129

■ 8291745

■ 3032225

■ 9343649

■ 1980321

■ 10395553

■ 862881

■ 11512993

■ 8097

■ 12564897

■ 13616801

■ 14668705

■ 15720609

Harmonies

Analogous

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



2585762



6187937



8610195

Triad

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



6187937



10116935



2718561

Complementary

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



6187937



10589278

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.



5338952



6187937



9005113

Square

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



6187937



10573919



7303481



31868

Rectangle

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



6187937



9722755



7303481



3701336

Sweetspot

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



6187937



12107217



6201748



5922153



15263976



6908265

Same Dimension

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



6187937



6913489



7495329



4803410



7313



786

Inverse Universe

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



10575467



13724029



9281886



5392715



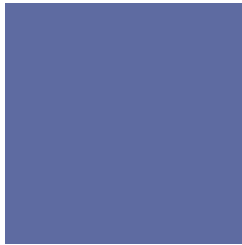
9502748



1179651

Previews

White Background



This preview shows how the Decimal color 6187937 looks on a white background.

Color Contrast Check

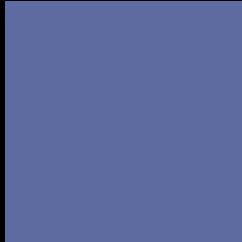
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 6187937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

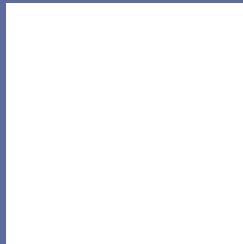
Any Text WCAG AAA × Fail

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

Decimal 6187937 Background



This preview shows how black text looks on a background with the Decimal color 6187937.

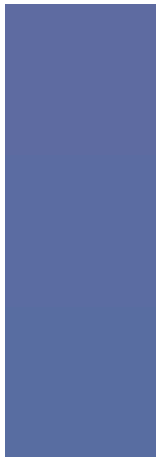


This preview shows how white text looks on a background with the Decimal color 6187937.

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
6187937

Protanopia
5991586

Deuteranopia
5795233

Trichromacy



Original Color
6187937

Protanomaly
6057122

Deuteranomaly
5926049

Tritanomaly
5795721

Monochromacy



Original Color
6187937

Achromatopsia
7171437

Achromatomaly
6843520

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6187937 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 #5E6BA1 looks like.

```
.text, #text, p{  
    color:#5E6BA1  
}
```

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 #5E6BA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E6BA1
}
```

Border

The CSS property to change the border of an element to Decimal 6187937 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
#5E6BA1 }
```

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

```
.border{ border-color:#5E6BA1 }
```

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

Here you see how a box with a 4 pixel #5E6BA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E6BA1; -webkit-box-shadow:4px 4px  
4px 4px #5E6BA1; box-shadow:4px 4px 4px  
4px #5E6BA1 }
```

Background

The CSS property to change the background color of an element to Decimal 6187937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E6BA1 }
```

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

```
.background{ background-color:#5E6BA1 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor