

Converting Colors

Decimal(6317997)

Have a look what the booklet for
Decimal(6317997) contains.

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Color

Decimal(6317997)

Conversions

Conversions Part 1

Format	Color
Hex	6067AD
RGB	96, 103, 173
RGB Percent	38%, 40%, 68%
CMY	0.6235, 0.5961, 0.3216
CMYK	0.45, 0.40, 0.00, 0.32
HSL	235°, 32%, 53%
HSV	235°, 45%, 68%
XYZ	17.2169, 15.2044, 41.5625
YIQ	108.8870, -26.6420, 20.2860

Conversions

Conversions Part 2

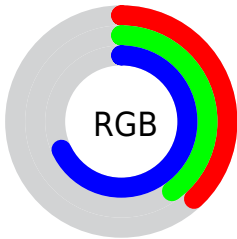
Format	Color
R _Y B	96, 102, 173
Decimal	6317997
CIE _{Lab}	45.91, 16.04, -38.33
CIE _{LCh}	46, 41.555, 292.706
Y _{xy}	15.2044, 0.2327, 0.2055
Android (android.graphics.Color)	4284508077 (0xFF6067AD)
Y _{UV}	108.8870, 31.6077, -11.3019
Hunter-Lab	38.9928, 10.5776, -35.9022

Details

The Decimal color **6317997** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11380320**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **9870053**, and **2766968** is the 20% darker color. If you saturate the color by 10%, you get **5199789**, and if you desaturate by 10%, it is **7436205**.

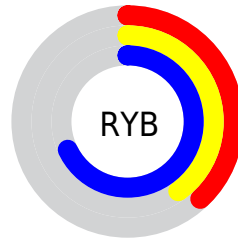
Distribution



Red (38%)

Green (40%)

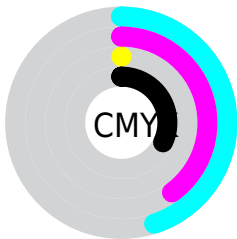
Blue (68%)



Red (38%)

Yellow (40%)

Blue (68%)

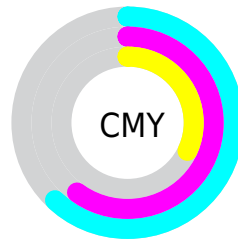


Cyan (45%)

Magenta (40%)

Yellow (0%)

Black (32%)



Cyan (62%)

Magenta (60%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6317997 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 6317997 by changing the saturation by 10% instead.

■ 6317997

■ 6317997

16777215

■ 4542354

■ 9870053

■ 2766968

■ 11711999

■ 467807

■ 13553919

■ 3911

■ 15461631

■ 1072

■ 282

■ 0

■ 6317997

■ 6317997

■ 5199789

■ 7436205

■ 4016301

■ 8619693

■ 2898093

■ 9737901

■ 1779885

■ 10856109

■ 596141

■ 12039853

■ 4269

■ 13157805

■ 14276013

■ 15394221

■ 16577965

Harmonies

Analogous

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



29618



6317997



9394583

Triad

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



6317997



10509110



32099

Complementary

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



6317997



11380320

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.



3897921



6317997



8874020

Square

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



6317997



11358292



6714153



32391

Rectangle

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



6317997



10637698



6714153



32087

Sweetspot

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



6317997



12830432



6335909



6185072



15790320



7368816

Same Dimension

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



6317997



6911200



8347821



5132119



3734



535

Inverse Universe

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



11362407



14707060



9350496



5721679



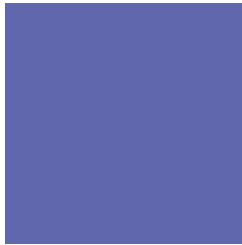
9830414



1507330

Previews

White Background



This preview shows how the Decimal color 6317997 looks on a white background.

Color Contrast Check

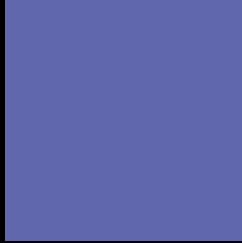
Large Text (above 18pt) WCAG AA ✓ Pass

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 6317997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

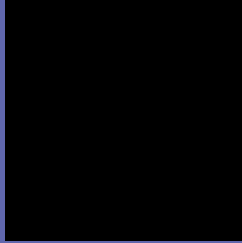
Any Text WCAG AA × Fail

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 6317997 Background



This preview shows how black text looks on a background with the Decimal color 6317997.

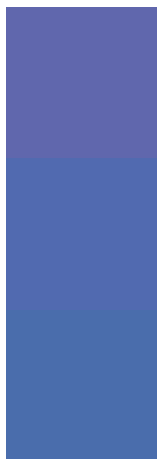


This preview shows how white text looks on a background with the Decimal color 6317997.

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

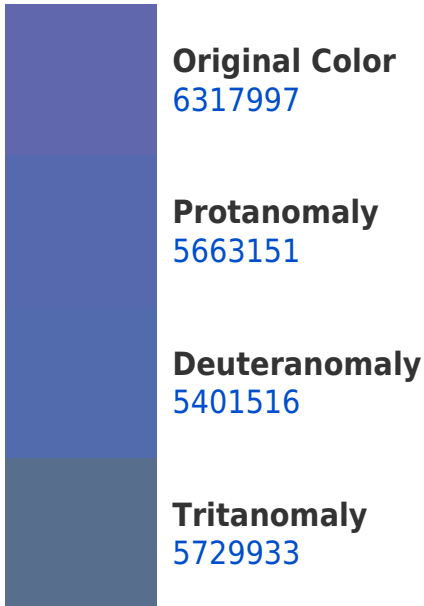


Original Color
6317997

Protanopia
5335728

Deuteranopia
4877740

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6317997 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 #6067AD looks like.

```
.text, #text, p{  
  color:#6067AD  
}
```

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 #6067AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6067AD
}
```

Border

The CSS property to change the border of an element to Decimal 6317997 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
#6067AD }
```

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

```
.border{ border-color:#6067AD }
```

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

Here you see how a box with a 4 pixel #6067AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6067AD; -webkit-box-shadow:4px 4px  
4px 4px #6067AD; box-shadow:4px 4px 4px  
4px #6067AD }
```

Background

The CSS property to change the background color of an element to Decimal 6317997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6067AD }
```

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

```
.background{ background-color:#6067AD }
```

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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