

Converting Colors

Decimal(6113917)

Have a look what the booklet for
Decimal(6113917) contains.

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Color

Decimal(6113917)

Conversions

Conversions Part 1

Format	Color
Hex	5D4A7D
RGB	93, 74, 125
RGB Percent	36%, 29%, 49%
CMY	0.6353, 0.7098, 0.5098
CMYK	0.26, 0.41, 0.00, 0.51
HSL	262°, 26%, 39%
HSV	262°, 41%, 49%
XYZ	10.6647, 8.7054, 20.5203
YIQ	85.4950, -5.0470, 19.8890

Conversions

Conversions Part 2

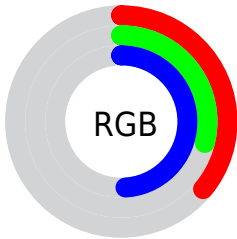
Format	Color
R_{YB}	93, 74, 125
Decimal	6113917
CIE Lab	35.41, 19.56, -26.03
CIE LCh	35, 32.559, 306.929
Yxy	8.7054, 0.2673, 0.2182
Android (android.graphics.Color)	4284303997 (0xFF5D4A7D)
YUV	85.4950, 19.4760, 6.5819
Hunter-Lab	29.5049, 12.8859, -20.5820

Details

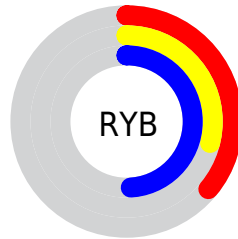
The Decimal color **6113917** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6978890**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **9468850**, and **2956876** is the 20% darker color. If you saturate the color by 10%, you get **5586557**, and if you desaturate by 10%, it is **6641533**.

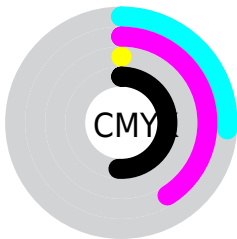
Distribution



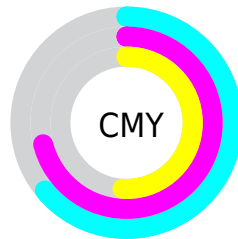
- Red (36%)
- Green (29%)
- Blue (49%)



- Red (36%)
- Yellow (29%)
- Blue (49%)



- Cyan (26%)
- Magenta (41%)
- Yellow (0%)
- Black (51%)



- Cyan (64%)
- Magenta (71%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6113917 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 6113917 by changing the saturation by 10% instead.

6113917

6113917

16777215

4535140

9468850

2956876

11245005

1509429

13086954

543

14928895

2

16771071

0

6113917

6113917

5586557

6641533

5058941

7168893

■ 4531581

■ 7696509

■ 4069501

■ 8158333

■ 3542141

■ 8685949

■ 3080317

■ 9213309

■ 9740925

■ 10268285

■ 10795901

Harmonies

Analogous

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



3101831



6113917



7880808

Triad

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



6113917



7490339



24665

Complementary

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



6113917



6978890

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.



1662782



6113917



6050845

Square

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



6113917



8470837



4283176



24434

Rectangle

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



6113917



8469847



4283176



24656

Sweetspot

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



6113917



9932963



4876925



4867666



13750737



5395026

Same Dimension

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



6113917



7426979



7752317



3946816



3080320



0

Inverse Universe

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



8211050



10703749



5340490



4208957



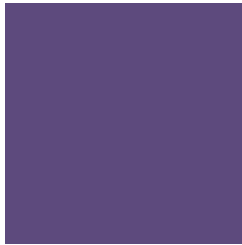
8388688



0

Previews

White Background



This preview shows how the Decimal color 6113917 looks on a white background.

Color Contrast Check

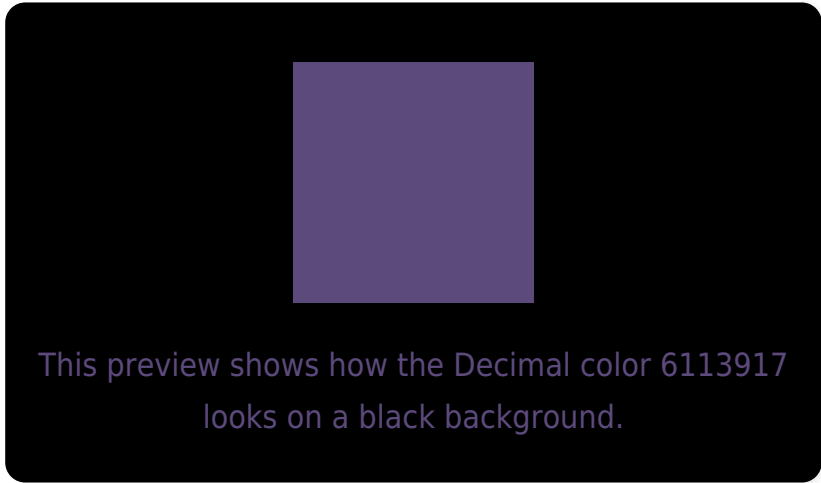
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

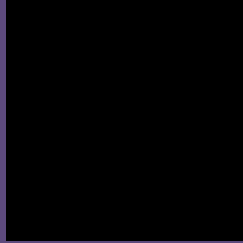
Any Text WCAG AA × Fail

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 6113917 Background



This preview shows how black text looks on a background with the Decimal color 6113917.



This preview shows how white text looks on a background with the Decimal color 6113917.

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
6113917

Protanopia
4280964

Deuteranopia
4346747



Tritanopia
5657176

Trichromacy



Original Color
6113917

Protanomaly
4935553

Deuteranomaly
5001340

Tritanomaly
5853029

Monochromacy



Original Color
6113917

Achromatopsia
5592405

Achromatomaly
5788004

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6113917 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 #5D4A7D looks like.

```
.text, #text, p{  
  color:#5D4A7D  
}
```

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 #5D4A7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D4A7D
}
```

Border

The CSS property to change the border of an element to Decimal 6113917 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
#5D4A7D }
```

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

```
.border{ border-color:#5D4A7D }
```

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

Here you see how a box with a 4 pixel #5D4A7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D4A7D; -webkit-box-shadow:4px 4px  
4px 4px #5D4A7D; box-shadow:4px 4px 4px  
4px #5D4A7D }
```

Background

The CSS property to change the background color of an element to Decimal 6113917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D4A7D }
```

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

```
.background{ background-color:#5D4A7D }
```

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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