

# Converting Colors

Decimal(6179454)

Have a look what the booklet for  
Decimal(6179454) contains.

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# Color

**Decimal(6179454)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E4A7E
RGB	94, 74, 126
RGB Percent	37%, 29%, 49%
CMY	0.6314, 0.7098, 0.5059
CMYK	0.25, 0.41, 0.00, 0.51
HSL	263°, 26%, 39%
HSV	263°, 41%, 49%
XYZ	10.8308, 8.7836, 20.8632
YIQ	85.9080, -4.7720, 20.4120

# Conversions

## Conversions Part 2

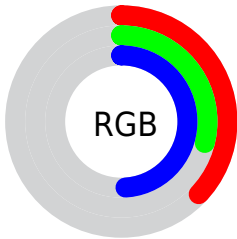
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 74, 126
Decimal	6179454
CIELab	35.56, 20.15, -26.40
CIELCh	36, 33.208, 307.350
Yxy	8.7836, 0.2676, 0.2170
Android (android.graphics.Color)	4284369534 (0xFF5E4A7E)
YUV	85.9080, 19.7654, 7.0967
Hunter-Lab	29.6371, 13.3671, -20.9915

# Details

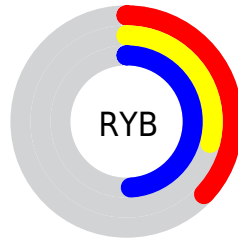
The Decimal color **6179454** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6979146**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **9599923**, and **3022413** is the 20% darker color. If you saturate the color by 10%, you get **5651838**, and if you desaturate by 10%, it is **6707070**.

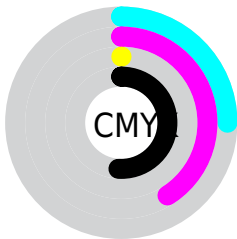
# Distribution



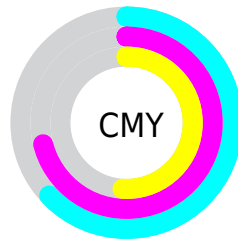
- Red (37%)
- Green (29%)
- Blue (49%)



- Red (37%)
- Yellow (29%)
- Blue (49%)



- Cyan (25%)
- Magenta (41%)
- Yellow (0%)
- Black (51%)



- Cyan (63%)
- Magenta (71%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6179454 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 6179454 by changing the saturation by 10% instead.



■ 6179454

■ 6179454

16777215

■ 4535141

■ 9599923

■ 3022413

■ 11310543

■ 1509430

■ 13152491

■ 288

■ 14994431

■ 4

■ 16771071

■ 0

■ 6179454

■ 6179454

■ 5651838

■ 6707070

■ 5124478

■ 7234430

■ 4662398

■ 7696510

■ 4135038

■ 8223870

■ 3607422

■ 8751486

■ 3145854

■ 9279102

■ 9740926

■ 10268542

■ 10795902

# Harmonies

## Analogous

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



3101832



6179454



7946345

# Triad

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



6179454



7555874



24922

# Complementary

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



6179454



6979146

# 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.



1531710



6179454



6116380

# Square

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



6179454



8536373



4217639



24691

# Rectangle

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



6179454



8600919



4217639



24912



# Sweetspot

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



6179454



9932963



4876926



4933202



13750737



5395026



# Same Dimension

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



6179454



7426723



7883390



3946816



3211392



0



# Inverse Universe

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



8276586



10703492



5275210



4208957



8388686



0



# Previews

## White Background



This preview shows how the Decimal color 6179454 looks on a white background.

## Color Contrast Check

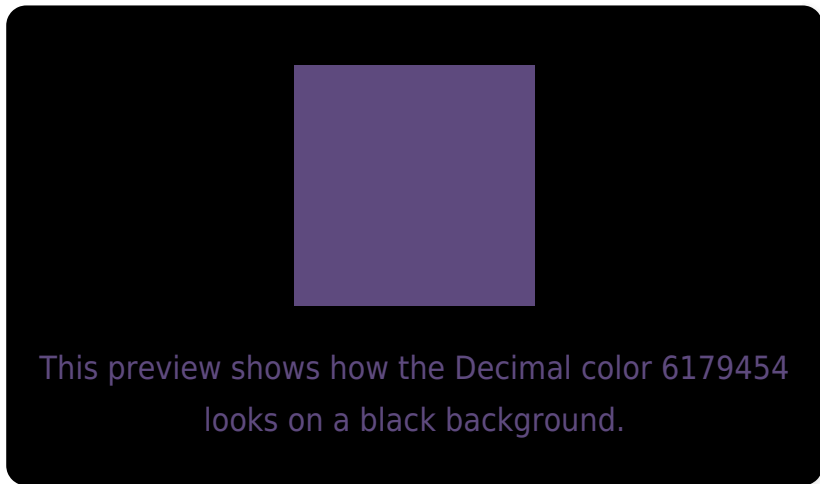
Large Text (above 18pt) WCAG AA ✓ Pass

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 6179454 Background



This preview shows how black text looks on a background with the Decimal color 6179454.



This preview shows how white text looks on a background with the Decimal color 6179454.

# 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**  
6179454

**Protanopia**  
4280965

**Deuteranopia**  
4346748



**Tritanopia**  
5722713

# Trichromacy



**Original Color**  
6179454

**Protanomaly**  
5001090

**Deuteranomaly**  
5001341

**Tritanomaly**  
5918566

# Monochromacy



**Original Color**  
6179454

**Achromatopsia**  
5658198

**Achromatomaly**  
5853797

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6179454 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 #5E4A7E looks like.

```
.text, #text, p{  
    color:#5E4A7E  
}
```

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 #5E4A7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E4A7E
}
```

## Border

The CSS property to change the border of an element to Decimal 6179454 is called "border". The border property can be set on classes, ids or directly on the HTML element.

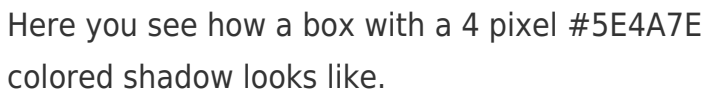
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E4A7E }
```

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

```
.border{ border-color:#5E4A7E }
```

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



Here you see how a box with a 4 pixel #5E4A7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E4A7E; -webkit-box-shadow:4px 4px  
4px 4px #5E4A7E; box-shadow:4px 4px 4px  
4px #5E4A7E }
```

# Background

The CSS property to change the background color of an element to Decimal 6179454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E4A7E }
```

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

```
.background{ background-color:#5E4A7E }
```

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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