

# Converting Colors

Decimal(6102442)

Have a look what the booklet for  
Decimal(6102442) contains.

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**Color**

**Decimal(6102442)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D1DAA
RGB	93, 29, 170
RGB Percent	36%, 11%, 67%
CMY	0.6353, 0.8863, 0.3333
CMYK	0.45, 0.83, 0.00, 0.33
HSL	267°, 71%, 39%
HSV	267°, 83%, 67%
XYZ	12.2093, 6.1082, 38.5657
YIQ	64.2100, -7.1170, 57.4190

# Conversions

## Conversions Part 2

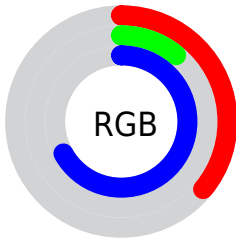
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 29, 170
Decimal	6102442
CIELab	29.68, 55.37, -62.74
CIElCh	30, 83.680, 311.429
Yxy	6.1082, 0.2146, 0.1074
Android (android.graphics.Color)	4284292522 (0xFF5D1DAA)
YUV	64.2100, 52.1545, 25.2488
Hunter-Lab	24.7147, 44.9297, -75.2179

# Details

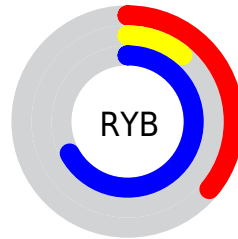
The Decimal color **6102442** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **6990365**, and the grayscale version is **4210752**.

A 20% lighter version of the original color is **9851874**, and **1966196** is the 20% darker color. If you saturate the color by 10%, you get **5508266**, and if you desaturate by 10%, it is **6696618**.

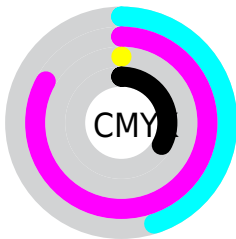
# Distribution



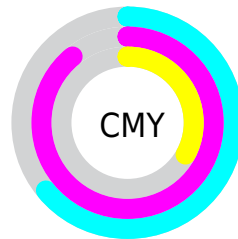
- Red (36%)
- Green (11%)
- Blue (67%)



- Red (36%)
- Yellow (11%)
- Blue (67%)



- Cyan (45%)
- Magenta (83%)
- Yellow (0%)
- Black (33%)



- Cyan (64%)
- Magenta (89%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6102442 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 6102442 by changing the saturation by 10% instead.



6102442

6102442

16777215

4194447

9851874

1966196

11759103

91

13732095

66

15639551

811

16760831

277

16767999

0

16775423

6102442

6102442

■ 5508266

■ 6696618

■ 5046442

■ 7356330

■ 7950506

■ 8544682

■ 9138858

■ 9798570

■ 10392746

■ 10986922

■ 11646634

# Harmonies

## Analogous

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



18890



6102442



10420337

# Triad

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



6102442



7746048



23902

# Complementary

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



6102442



6990365

# 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.



23063



6102442



4213760

# Square

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



6102442



10289152



22016



23965

# Rectangle

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



6102442



11337798



22016



23624



# Sweetspot

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



6102442



12625630



1928106



6180720



15790320



7368816



# Same Dimension

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



6102442



6619358



10689962



5262420



4391060



589844



# Inverse Universe

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



11148650



14549113



2402845



5524560



9699409

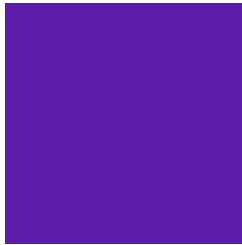


1310731



# Previews

## White Background



This preview shows how the Decimal color 6102442 looks on a white background.

## Color Contrast Check

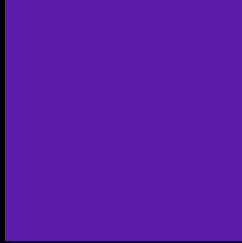
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



This preview shows how the Decimal color 6102442 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

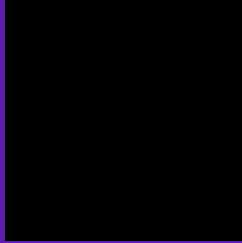
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6102442 Background



This preview shows how black text looks on a background with the Decimal color 6102442.

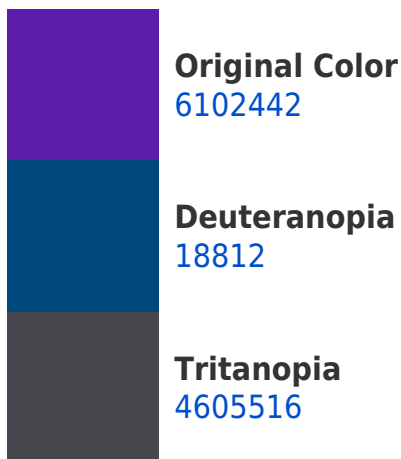


This preview shows how white text looks on a background with the Decimal color 6102442.

# 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



# Trichromacy



**Original Color**  
6102442

**Deuteranomaly**  
2242957

**Tritanomaly**  
5125998

# Monochromacy



**Original Color**  
6102442

**Achromatopsia**  
4210752

**Achromatomaly**  
4928359

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6102442 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 #5D1DAA looks like.

```
.text, #text, p{  
    color:#5D1DAA  
}
```

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 #5D1DAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D1DAA
}
```

## Border

The CSS property to change the border of an element to Decimal 6102442 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
#5D1DAA }
```

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

```
.border{ border-color:#5D1DAA }
```

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

Here you see how a box with a 4 pixel #5D1DAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D1DAA; -webkit-box-shadow:4px 4px  
4px 4px #5D1DAA; box-shadow:4px 4px 4px  
4px #5D1DAA }
```

# Background

The CSS property to change the background color of an element to Decimal 6102442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D1DAA }
```

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

```
.background{ background-color:#5D1DAA }
```

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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