

# Converting Colors

Decimal(6049942)

Have a look what the booklet for  
Decimal(6049942) contains.

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# Color

**Decimal(6049942)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5C5096
RGB	92, 80, 150
RGB Percent	36%, 31%, 59%
CMY	0.6392, 0.6863, 0.4118
CMYK	0.39, 0.47, 0.00, 0.41
HSL	250°, 30%, 45%
HSV	250°, 47%, 59%
XYZ	12.7873, 10.2146, 30.1518
YIQ	91.5680, -15.3180, 24.3140

# Conversions

## Conversions Part 2

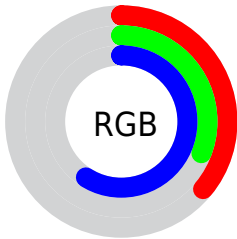
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 80, 150
Decimal	6049942
CIE Lab	38.22, 22.47, -36.87
CIE LCh	38, 43.180, 301.365
Yxy	10.2146, 0.2406, 0.1922
Android (android.graphics.Color)	4284240022 (0xFF5C5096)
YUV	91.5680, 28.8070, 0.3789
Hunter-Lab	31.9604, 15.4871, -33.5627

# Details

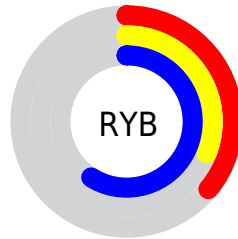
The Decimal color **6049942** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9082448**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **9535949**, and **2696035** is the 20% darker color. If you saturate the color by 10%, you get **5259670**, and if you desaturate by 10%, it is **6840214**.

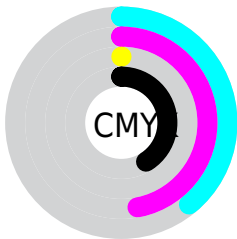
# Distribution



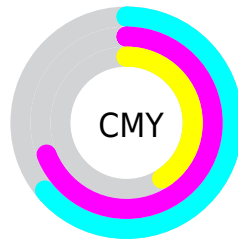
- Red (36%)
- Green (31%)
- Blue (59%)



- Red (36%)
- Yellow (31%)
- Blue (59%)



- Cyan (39%)
- Magenta (47%)
- Yellow (0%)
- Black (41%)



- Cyan (64%)
- Magenta (69%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6049942 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 6049942 by changing the saturation by 10% instead.





6049942



6049942

16777215



4340092



9535949



2696035



11312105



724810



13154047



51



15061759



541



16772863



0



6049942



6049942



5259670



6840214



4403862



7696022

■ 3613590

■ 8486294

■ 2757782

■ 9342102

■ 1967510

■ 10132374

■ 1704086

■ 10988182

■ 11778454

■ 12568726

■ 13424534

# Harmonies

## Analogous

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



24224



6049942



8733052

# Triad

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



6049942



8801051



27227

# Complementary

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



6049942



9082448

# 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.



419895



6049942



6969609

# Square

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



6049942



9846328



4678168



27261

# Rectangle

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



6049942



9714278



4678168



27214



# Sweetspot

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



6049942



11249602



5278358



5460065



14737632



6381921



# Same Dimension

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



6049942



6837698



8343702



4473674



1573002



131082



# Inverse Universe

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



9851018



12735919



6788688



4866889



9044082

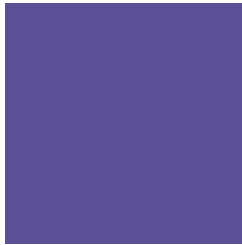


655368



# Previews

## White Background



This preview shows how the Decimal color 6049942 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 6049942 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 6049942 Background



This preview shows how black text looks on a background with the Decimal color 6049942.

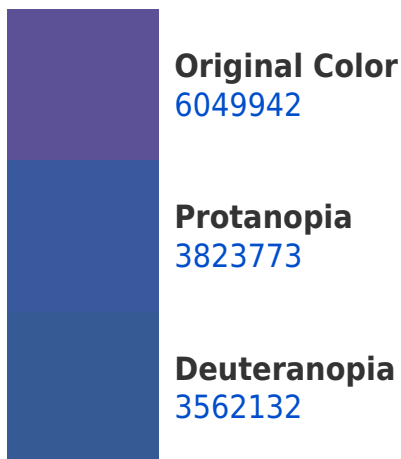


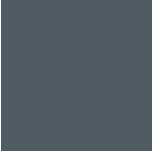
This preview shows how white text looks on a background with the Decimal color 6049942.

# 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





**Tritanopia**  
5266531

# Trichromacy



**Original Color**  
6049942

**Protanomaly**  
4609434

**Deuteranomaly**  
4478613

**Tritanomaly**  
5527670

# Monochromacy



**Original Color**  
6049942

**Achromatopsia**  
6052956

**Achromatomaly**  
6051953

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6049942 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 #5C5096 looks like.

```
.text, #text, p{  
    color:#5C5096  
}
```

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 #5C5096 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C5096
}
```

## Border

The CSS property to change the border of an element to Decimal 6049942 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
#5C5096 }
```

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

```
.border{ border-color:#5C5096 }
```

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

Here you see how a box with a 4 pixel #5C5096 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C5096; -webkit-box-shadow:4px 4px  
4px 4px #5C5096; box-shadow:4px 4px 4px  
4px #5C5096 }
```

# Background

The CSS property to change the background color of an element to Decimal 6049942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C5096 }
```

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

```
.background{ background-color:#5C5096 }
```

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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