

# Converting Colors

Decimal(5923222)

Have a look what the booklet for  
Decimal(5923222) contains.

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# Color

**Decimal(5923222)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A6196
RGB	90, 97, 150
RGB Percent	35%, 38%, 59%
CMY	0.6471, 0.6196, 0.4118
CMYK	0.40, 0.35, 0.00, 0.41
HSL	233°, 25%, 47%
HSV	233°, 40%, 59%
XYZ	13.9962, 12.9251, 30.6113
YIQ	100.9490, -21.1850, 14.9990

# Conversions

## Conversions Part 2

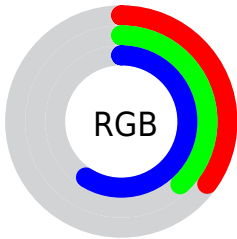
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 96, 150
Decimal	5923222
CIE <sub>Lab</sub>	42.65, 11.23, -29.90
CIE <sub>LCh</sub>	43, 31.939, 290.590
Yxy	12.9251, 0.2433, 0.2247
Android (android.graphics.Color)	4284113302 (0xFF5A6196)
YUV	100.9490, 24.1821, -9.6023
Hunter-Lab	35.9514, 6.5764, -25.3172

# Details

The Decimal color **5923222** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9867098**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **9343948**, and **2569059** is the 20% darker color. If you saturate the color by 10%, you get **4936854**, and if you desaturate by 10%, it is **6909590**.

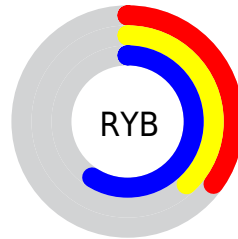
# Distribution



Red (35%)

Green (38%)

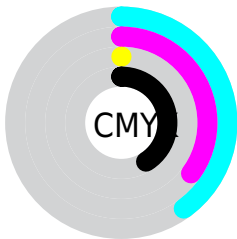
Blue (59%)



Red (35%)

Yellow (38%)

Blue (59%)

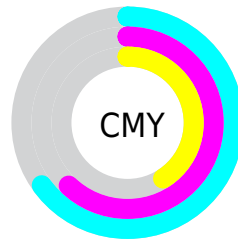


Cyan (40%)

Magenta (35%)

Yellow (0%)

Black (41%)



Cyan (65%)

Magenta (62%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5923222 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 5923222 by changing the saturation by 10% instead.





5923222



5923222

16777215



4278652



9343948



2569059



11120361



728651



12962303



1332



14870015



542



0



5923222



5923222



4936854



6909590



3950230



7895958

■ 2963862

■ 8882582

■ 1977494

■ 9868950

■ 991126

■ 10855318

■ 4502

■ 11841942

■ 12828310

■ 13814678

■ 14801046

# Harmonies

## Analogous

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



2321048



5923222



8214406

# Triad

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



5923222



9393981



1536603

# Complementary

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



5923222



9867098

# 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.



4484930



5923222



8151088

# Square

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



5923222



9916500



6514994



29302

# Rectangle

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



5923222



9261687



6514994



2781522



# Sweetspot

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



5923222



11251138



5936783



5461345



14737632



6381921



# Same Dimension

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



5923222



6648002



7428758



4408138



4234



266



# Inverse Universe

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



9853537



12739952



8361562



4866883



9043984

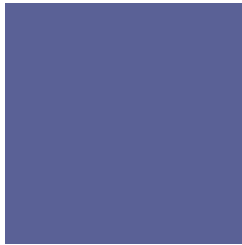


655361



# Previews

## White Background



This preview shows how the Decimal color 5923222 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 5923222 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

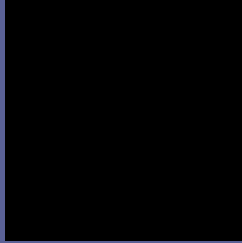
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5923222 Background



This preview shows how black text looks on a background with the Decimal color 5923222.

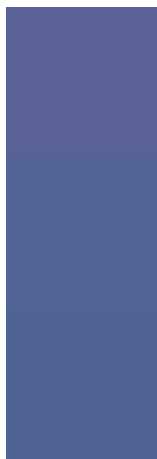


This preview shows how white text looks on a background with the Decimal color 5923222.

# 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**


5923222

**Protanopia**

5399448

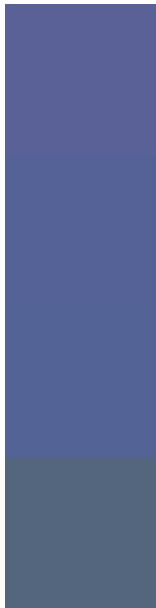
**Deuteranopia**

5203093



**Tritanopia**  
5335409

# Trichromacy



**Original Color**  
5923222

**Protanomaly**  
5595799

**Deuteranomaly**  
5464981

**Tritanomaly**  
5531262

# Monochromacy



**Original Color**  
5923222

**Achromatopsia**  
6645093

**Achromatomaly**  
6382711

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5923222 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 #5A6196 looks like.

```
.text, #text, p{  
  color:#5A6196  
}
```

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 #5A6196 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6196
}
```

## Border

The CSS property to change the border of an element to Decimal 5923222 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
#5A6196 }
```

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

```
.border{ border-color:#5A6196 }
```

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

Here you see how a box with a 4 pixel #5A6196 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6196; -webkit-box-shadow:4px 4px  
4px 4px #5A6196; box-shadow:4px 4px 4px  
4px #5A6196 }
```

# Background

The CSS property to change the background color of an element to Decimal 5923222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6196 }
```

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

```
.background{ background-color:#5A6196 }
```

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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