

# Converting Colors

Decimal(5921502)

Have a look what the booklet for  
Decimal(5921502) contains.

<b>Decimal(5921502)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(5921502)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A5ADE
RGB	90, 90, 222
RGB Percent	35%, 35%, 87%
CMY	0.6471, 0.6471, 0.1294
CMYK	0.59, 0.59, 0.00, 0.13
HSL	240°, 67%, 61%
HSV	240°, 59%, 87%
XYZ	21.0574, 14.7599, 70.8463
YIQ	105.0480, -42.3720, 41.0520

# Conversions

## Conversions Part 2

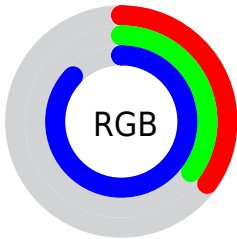
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 90, 222
Decimal	5921502
CIE Lab	45.30, 38.31, -67.61
CIE LCh	45, 77.709, 299.535
Yxy	14.7599, 0.1974, 0.1384
Android (android.graphics.Color)	4284111582 (0xFF5A5ADE)
YUV	105.0480, 57.6573, -13.1971
Hunter-Lab	38.4186, 30.6041, -82.4414

# Details

The Decimal color **5921502** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **14605914**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **9932031**, and **11430** is the 20% darker color. If you saturate the color by 10%, you get **4474078**, and if you desaturate by 10%, it is **7368926**.

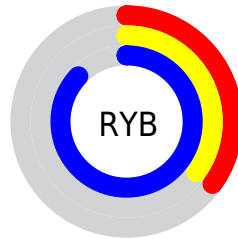
# Distribution



Red (35%)

Green (35%)

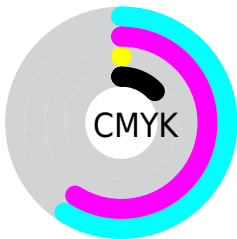
Blue (87%)



Red (35%)

Yellow (35%)

Blue (87%)

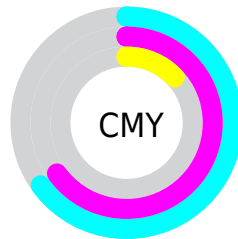


Cyan (59%)

Magenta (59%)

Yellow (0%)

Black (13%)



Cyan (65%)

Magenta (65%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5921502 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 5921502 by changing the saturation by 10% instead.



■ 5921502

■ 5921502

16777215

■ 3687106

■ 9932031

■ 11430

■ 11905023

■ 6027

■ 13878015

■ 1136

■ 15851263

■ 87

■ 16776191

■ 1599

■ 808

■ 273

■ 0

■ 5921502

■ 5921502

■ 4474078

■ 7368926

■ 3026654

■ 8816350

■ 1513438

■ 10329566

■ 66014

■ 11776990

■ 222

■ 13224414

■ 14671838

■ 16119262

■ 16777182

# Harmonies

## Analogous

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



30191



5921502



11873710

# Triad

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



5921502



11815680



34152

# Complementary

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



5921502



14605914

# 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.



33313



5921502



8677632

# Square

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



5921502



13834288



4290816



34474

# Rectangle

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



5921502



13631621



4290816



33873



# Sweetspot

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



5921502



13750783



5955294



6513536



0



8421504



# Same Dimension

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



5921502



4868863



10246878



6645104



176



48



# Inverse Universe

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



14572254



16730879



10280538



7366000



11534512

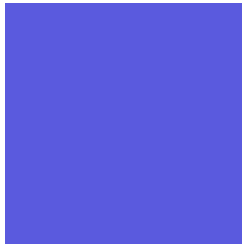


3145776



# Previews

## White Background



This preview shows how the Decimal color 5921502 looks on a white background.

## Color Contrast Check

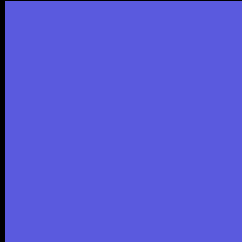
Large Text (above 18pt) WCAG AA ✓ Pass

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 5921502 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

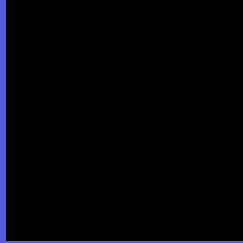
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5921502 Background



This preview shows how black text looks on a background with the Decimal color 5921502.

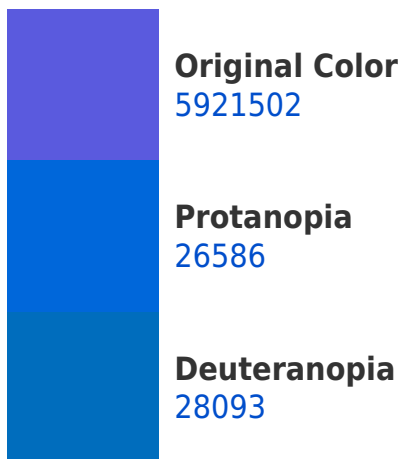


This preview shows how white text looks on a background with the Decimal color 5921502.

# 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](#).

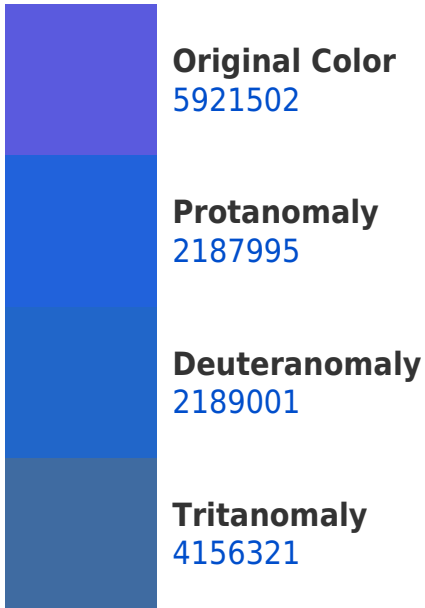
## Dichromacy





**Tritanopia**  
3110014

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5921502 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 #5A5ADE looks like.

```
.text, #text, p{  
    color:#5A5ADE  
}
```

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 #5A5ADE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A5ADE
}
```

## Border

The CSS property to change the border of an element to Decimal 5921502 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
#5A5ADE }
```

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

```
.border{ border-color:#5A5ADE }
```

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

Here you see how a box with a 4 pixel #5A5ADE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A5ADE; -webkit-box-shadow:4px 4px  
4px 4px #5A5ADE; box-shadow:4px 4px 4px  
4px #5A5ADE }
```

# Background

The CSS property to change the background color of an element to Decimal 5921502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A5ADE }
```

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

```
.background{ background-color:#5A5ADE }
```

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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