

# Converting Colors

Decimal(6254000)

Have a look what the booklet for  
Decimal(6254000) contains.

<b>Decimal(6254000)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(6254000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F6DB0
RGB	95, 109, 176
RGB Percent	37%, 43%, 69%
CMY	0.6275, 0.5725, 0.3098
CMYK	0.46, 0.38, 0.00, 0.31
HSL	230°, 34%, 53%
HSV	230°, 46%, 69%
XYZ	18.0244, 16.5048, 43.3100
YIQ	112.4520, -29.8510, 17.8690

# Conversions

## Conversions Part 2

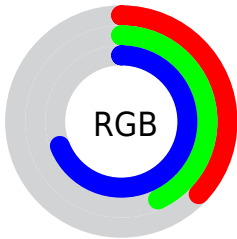
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 107, 176
Decimal	6254000
CIE <sub>Lab</sub>	47.63, 12.99, -37.38
CIE <sub>LCh</sub>	48, 39.574, 289.170
Yxy	16.5048, 0.2316, 0.2120
Android (android.graphics.Color)	4284444080 (0xFF5F6DB0)
YUV	112.4520, 31.3292, -15.3054
Hunter-Lab	40.6261, 8.0989, -34.7688

# Details

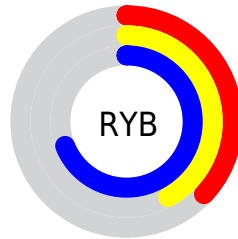
The Decimal color **6254000** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11575903**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **9806056**, and **2637435** is the 20% darker color. If you saturate the color by 10%, you get **5070512**, and if you desaturate by 10%, it is **7437488**.

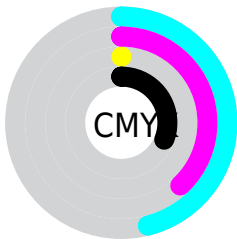
# Distribution



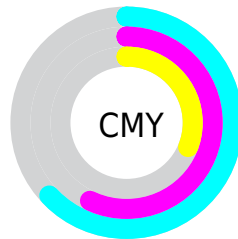
- Red (37%)
- Green (43%)
- Blue (69%)



- Red (37%)
- Yellow (42%)
- Blue (69%)



- Cyan (46%)
- Magenta (38%)
- Yellow (0%)
- Black (31%)



- Cyan (63%)
- Magenta (57%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6254000 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 6254000 by changing the saturation by 10% instead.



■ 6254000

■ 6254000

16777215

■ 4478357

■ 9806056

■ 2637435

■ 11647999

■ 206946

■ 13490175

■ 5449

■ 15397887

■ 563

■ 541

■ 0

■ 6254000

■ 6254000

■ 5070512

■ 7437488

■ 3952816

■ 8555184

■ 2769328

■ 9738672

■ 1651632

■ 10856368

■ 468144

■ 12039856

■ 7856

■ 13223088

■ 14341040

■ 15524272

■ 16642224

# Harmonies

## Analogous

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



30898



6254000



9330845

# Triad

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



6254000



10837824



33123

# Complementary

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



6254000



11575903

# 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.



4750660



6254000



9399086

# Square

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



6254000



11490653



7304751



33414

# Rectangle

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



6254000



10639497



7304751



2261080



# Sweetspot

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



6254000



12962790



6271137



6251379



15921906



7566195



# Same Dimension

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



6254000



6782438



7954352



5263961



6809



1050



# Inverse Universe

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



11558765



15099773



9875551



5853266



10027034

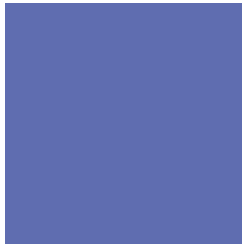


1703940



# Previews

## White Background



This preview shows how the Decimal color 6254000 looks on a white background.

## Color Contrast Check

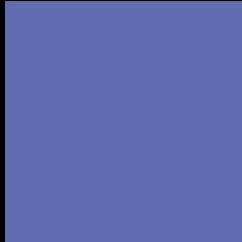
Large Text (above 18pt) WCAG AA ✓ Pass

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 6254000 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

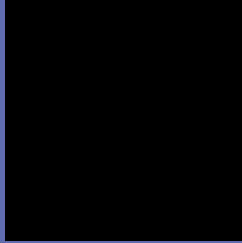
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6254000 Background



This preview shows how black text looks on a background with the Decimal color 6254000.



This preview shows how white text looks on a background with the Decimal color 6254000.

# 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**  
6254000

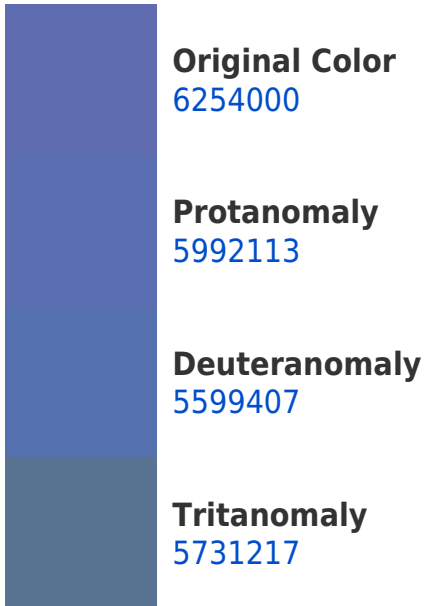
**Protanopia**  
5795761

**Deuteranopia**  
5271983

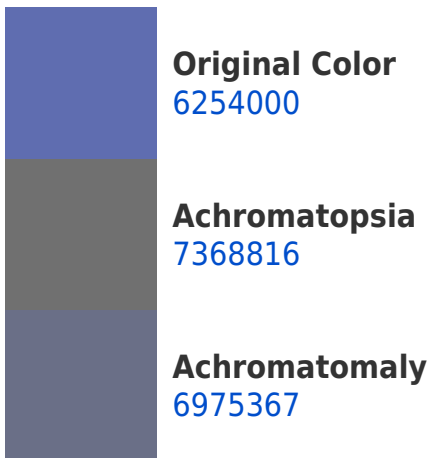


**Tritanopia**  
5404544

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6254000 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 #5F6DB0 looks like.

```
.text, #text, p{  
    color:#5F6DB0  
}
```

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 #5F6DB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F6DB0  
}
```

## Border

The CSS property to change the border of an element to Decimal 6254000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

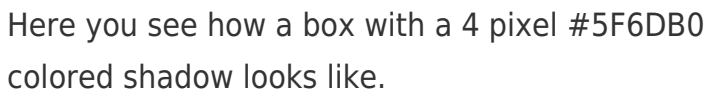
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#5F6DB0 }
```

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

```
.border{ border-color:#5F6DB0 }
```

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



Here you see how a box with a 4 pixel #5F6DB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F6DB0; -webkit-box-shadow:4px 4px  
4px 4px #5F6DB0; box-shadow:4px 4px 4px  
4px #5F6DB0 }
```

# Background

The CSS property to change the background color of an element to Decimal 6254000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F6DB0 }
```

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

```
.background{ background-color:#5F6DB0 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor