

# Converting Colors

Decimal(6250392)

Have a look what the booklet for  
Decimal(6250392) contains.

<b>Decimal(6250392)</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(6250392)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F5F98
RGB	95, 95, 152
RGB Percent	37%, 37%, 60%
CMY	0.6275, 0.6275, 0.4039
CMYK	0.38, 0.38, 0.00, 0.40
HSL	240°, 23%, 48%
HSV	240°, 38%, 60%
XYZ	14.4790, 12.8843, 31.4296
YIQ	101.4980, -18.2970, 17.7270

# Conversions

## Conversions Part 2

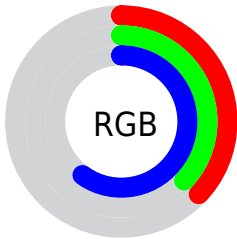
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 95, 152
Decimal	6250392
CIE <sub>Lab</sub>	42.59, 14.50, -31.16
CIE <sub>LCh</sub>	43, 34.371, 294.953
Yxy	12.8843, 0.2463, 0.2191
Android (android.graphics.Color)	4284440472 (0xFF5F5F98)
YUV	101.4980, 24.8975, -5.6987
Hunter-Lab	35.8947, 9.1866, -26.7882

# Details

The Decimal color **6250392** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10000479**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **9736655**, and **2961765** is the 20% darker color. If you saturate the color by 10%, you get **5263512**, and if you desaturate by 10%, it is **7237272**.

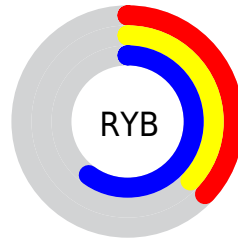
# Distribution



Red (37%)

Green (37%)

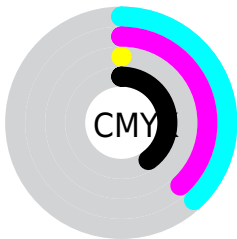
Blue (60%)



Red (37%)

Yellow (37%)

Blue (60%)

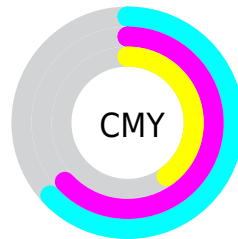


Cyan (38%)

Magenta (38%)

Yellow (0%)

Black (40%)



Cyan (63%)

Magenta (63%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6250392 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 6250392 by changing the saturation by 10% instead.



■ 6250392

■ 6250392

16777215

■ 4605822

■ 9736655

■ 2961765

■ 11513067

■ 1186892

■ 13355007

■ 565

■ 15197183

■ 543

■ 3

■ 0

■ 6250392

■ 6250392

■ 5263512

■ 7237272

■ 4276632

■ 8224152

■ 3223960

■ 9276824

■ 2237080

■ 10263704

■ 1250200

■ 11250584

■ 263320

■ 12237464

■ 152

■ 13224344

■ 14277016

■ 15263896

# Harmonies

## Analogous

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



2320797



6250392



8606853

# Triad

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



6250392



9393975



29535

# Complementary

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



6250392



10000479

# 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.



3895363



6250392



8020266

# Square

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



6250392



10047054



6187567



29564

# Rectangle

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



6250392



9588596



6187567



1602133



# Sweetspot

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



6250392



11513796



6264984



5724003



14935011



6513507



# Same Dimension

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



6250392



7105732



8150936



4539725



140



13



# Inverse Universe

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



9985944



12872900



8165471



5064013



9175180

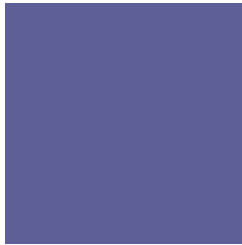


851981



# Previews

## White Background



This preview shows how the Decimal color 6250392 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 6250392 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

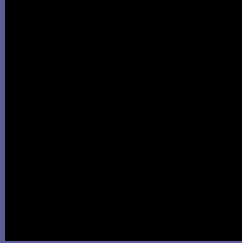
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6250392 Background



This preview shows how black text looks on a background with the Decimal color 6250392.

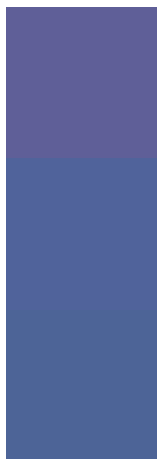


This preview shows how white text looks on a background with the Decimal color 6250392.

# 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**  
6250392

**Protanopia**  
5268379

**Deuteranopia**  
5072023



# Trichromacy



**Original Color**  
6250392

**Protanomaly**  
5595802

**Deuteranomaly**  
5530263

**Tritanomaly**  
5858431

# Monochromacy



**Original Color**  
6250392

**Achromatopsia**  
6645093

**Achromatomaly**  
6513528

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6250392 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 #5F5F98 looks like.

```
.text, #text, p{  
    color:#5F5F98  
}
```

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 #5F5F98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F5F98
}
```

## Border

The CSS property to change the border of an element to Decimal 6250392 is called "border". The border property can be set on classes, ids or directly on the HTML element.

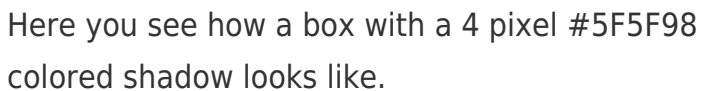
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F5F98 }
```

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

```
.border{ border-color:#5F5F98 }
```

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



Here you see how a box with a 4 pixel #5F5F98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F5F98; -webkit-box-shadow:4px 4px  
4px 4px #5F5F98; box-shadow:4px 4px 4px  
4px #5F5F98 }
```

# Background

The CSS property to change the background color of an element to Decimal 6250392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F5F98 }
```

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

```
.background{ background-color:#5F5F98 }
```

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