

# Converting Colors

Decimal(6245742)

Have a look what the booklet for  
Decimal(6245742) contains.

|  |    |
|--|----|
| <b>Decimal(6245742)</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(6245742)**

# Conversions

## Conversions Part 1

| Format      | Color                    |
|-------------|--------------------------|
| Hex         | 5F4D6E                   |
| RGB         | 95, 77, 110              |
| RGB Percent | 37%, 30%, 43%            |
| CMY         | 0.6275, 0.6980, 0.5686   |
| CMYK        | 0.14, 0.30, 0.00, 0.57   |
| HSL         | 273°, 18%, 37%           |
| HSV         | 273°, 30%, 43%           |
| XYZ         | 10.1877, 8.8664, 15.9263 |
| YIQ         | 86.1440, 0.1350, 14.0790 |

# Conversions

## Conversions Part 2

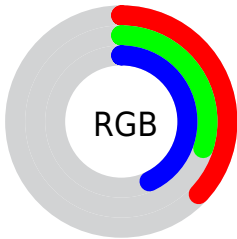
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>RYB</b>                          | 95, 77, 110                  |
| Decimal                             | 6245742                      |
| CIELab                              | 35.73, 14.55, -16.20         |
| CIELCh                              | 36, 21.774, 311.945          |
| Yxy                                 | 8.8664, 0.2912,<br>0.2535    |
| Android<br>(android.graphics.Color) | 4284435822<br>(0xFF5F4D6E)   |
| YUV                                 | 86.1440, 11.7610,<br>7.7667  |
| Hunter-Lab                          | 29.7766, 8.9625,<br>-10.8683 |

# Details

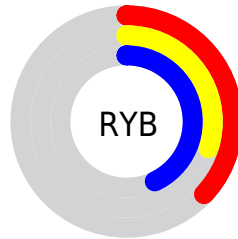
The Decimal color **6245742** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6057549**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **9600674**, and **3154238** is the 20% darker color. If you saturate the color by 10%, you get **5915246**, and if you desaturate by 10%, it is **6576238**.

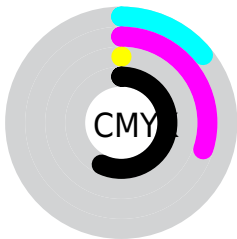
# Distribution



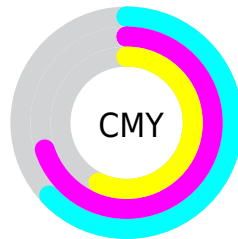
- Red (37%)
- Green (30%)
- Blue (43%)



- Red (37%)
- Yellow (30%)
- Blue (43%)



- Cyan (14%)
- Magenta (30%)
- Yellow (0%)
- Black (57%)



- Cyan (63%)
- Magenta (70%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6245742 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 6245742 by changing the saturation by 10% instead.



6245742

6245742

16777215

4666966

9600674

3154238

11376829

1772328

13153241

275

14995189

0

16772095

6245742

6245742

5915246

6576238

5584750

6906734

■ 5254254

■ 7237230

■ 4923758

■ 7567726

■ 4593262

■ 7898222

■ 4262766

■ 8228718

■ 3932270

■ 8559214

■ 8889710

■ 9220206

# Harmonies

## Analogous

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



4674422



6245742



7293023

# Triad

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



6245742



6901555



1662299

# Complementary

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



6245742



6057549

# 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.



3169609



6245742



5854514

# Square

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



6245742



7555646



4545082



1137771

# Rectangle

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



6245742



7685972



4545082



2186581



# Sweetspot

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



6245742



9011855



5069934



4472903



13092807



4671303



# Same Dimension

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



6245742



7822223



7228781



3551800



4259960



8847607



# Inverse Universe

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



7228764



9395059



5074510



3682869



7864374



16187504



# Previews

## White Background



This preview shows how the Decimal color 6245742 looks on a white background.

## Color Contrast Check

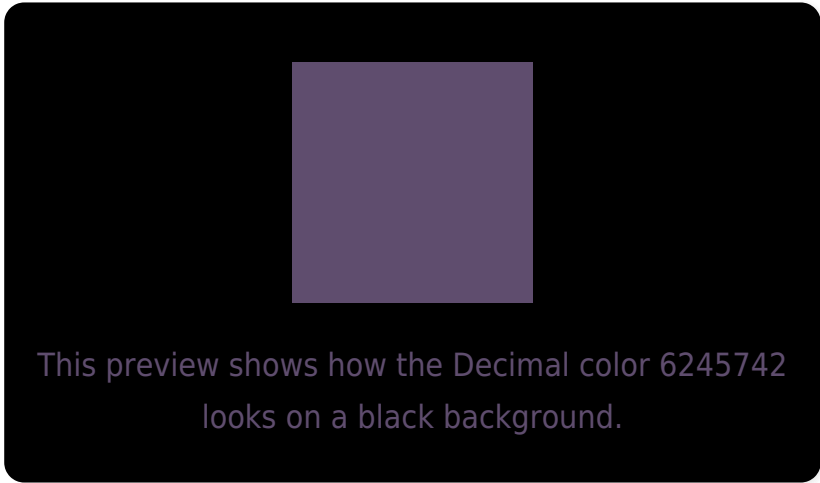
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

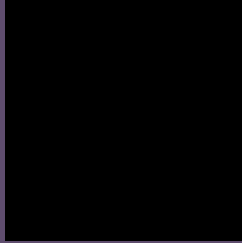
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6245742 Background



This preview shows how black text looks on a background with the Decimal color 6245742.

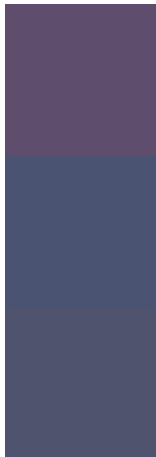


This preview shows how white text looks on a background with the Decimal color 6245742.

# 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](#).

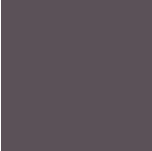
## Dichromacy



**Original Color**  
6245742

**Protanopia**  
4936563

**Deuteranopia**  
5198701



**Tritanopia**  
5984600

# Trichromacy



**Original Color**

6245742

**Protanomaly**

5394801

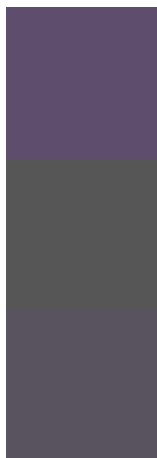
**Deuteranomaly**

5591405

**Tritanomaly**

6049888

# Monochromacy



**Original Color**

6245742

**Achromatopsia**

5658198

**Achromatomaly**

5854047

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6245742 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 #5F4D6E looks like.

```
.text, #text, p{  
    color:#5F4D6E  
}
```

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 #5F4D6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F4D6E
}
```

## Border

The CSS property to change the border of an element to Decimal 6245742 is called "border". The border property can be set on classes, ids or directly on the HTML element.

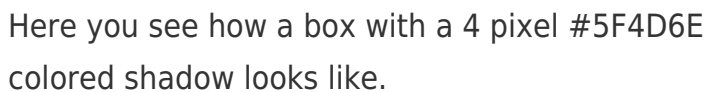
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F4D6E }
```

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

```
.border{ border-color:#5F4D6E }
```

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



Here you see how a box with a 4 pixel #5F4D6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F4D6E; -webkit-box-shadow:4px 4px  
4px 4px #5F4D6E; box-shadow:4px 4px 4px  
4px #5F4D6E }
```

# Background

The CSS property to change the background color of an element to Decimal 6245742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F4D6E }
```

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

```
.background{ background-color:#5F4D6E }
```

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