

Converting Colors

Decimal(6249082)

Have a look what the booklet for
Decimal(6249082) contains.

Decimal(6249082)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6249082)

Conversions

Conversions Part 1

Format	Color
Hex	5F5A7A
RGB	95, 90, 122
RGB Percent	37%, 35%, 48%
CMY	0.6275, 0.6471, 0.5216
CMYK	0.22, 0.26, 0.00, 0.52
HSL	249°, 15%, 42%
HSV	249°, 26%, 48%
XYZ	11.8883, 11.1504, 19.9380
YIQ	95.1430, -7.2920, 11.0120

Conversions

Conversions Part 2

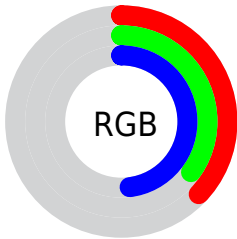
Format	Color
R_{YB}	95, 90, 122
Decimal	6249082
CIE _{Lab}	39.83, 9.39, -17.31
CIE _{LCh}	40, 19.694, 298.492
Yxy	11.1504, 0.2766, 0.2595
Android (android.graphics.Color)	4284439162 (0xFF5F5A7A)
YUV	95.1430, 13.2405, -0.1254
Hunter-Lab	33.3922, 5.1136, -12.0267

Details

The Decimal color **6249082** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7699034**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **9604271**, and **3157065** is the 20% darker color. If you saturate the color by 10%, you get **5590650**, and if you desaturate by 10%, it is **6907514**.

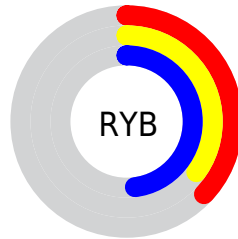
Distribution



Red (37%)

Green (35%)

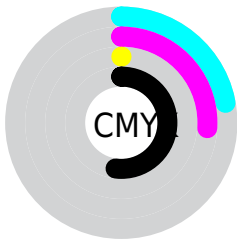
Blue (48%)



Red (37%)

Yellow (35%)

Blue (48%)

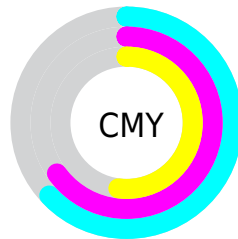


Cyan (22%)

Magenta (26%)

Yellow (0%)

Black (52%)



Cyan (63%)

Magenta (65%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6249082 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 6249082 by changing the saturation by 10% instead.



6249082



6249082

16777215



4670305



9604271



3157065



11380426



1710131



13157094



196638



14999039



0



16775935



6249082



6249082



5590650



6907514



4866682



7631482

■ 4207994

■ 8290170

■ 3549562

■ 8948602

■ 2891130

■ 9607034

■ 2167162

■ 10331002

■ 1508730

■ 10989434

■ 1245306

■ 11648122

■ 12372090

Harmonies

Analogous

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



4743294



6249082



7492975

Triad

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



6249082



7821123



3434332

Complementary

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



6249082



7699034

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.



4613453



6249082



6970686

Square

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



6249082



8278863



5857601



2778733

Rectangle

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



6249082



8016485



5857601



3827287

Sweetspot

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



6249082



9671070



5928314



4736847



13619151



5197647

Same Dimension

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



6249082



7695774



7297658



3684157



1310845



2556156

Inverse Universe

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



8018549



10382742



6650458



4011836



8192105



16515285

Previews

White Background



This preview shows how the Decimal color 6249082 looks on a white background.

Color Contrast Check

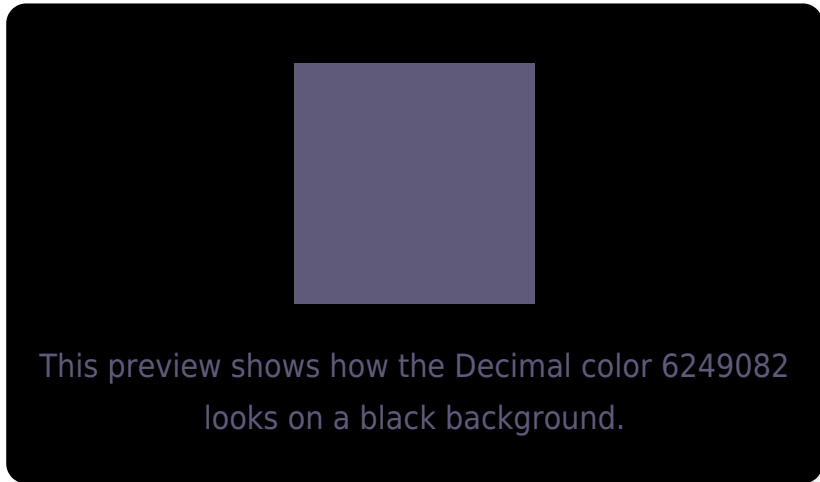
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

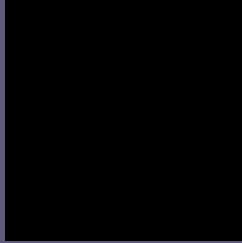
Any Text WCAG AA × Fail

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 6249082 Background



This preview shows how black text looks on a background with the Decimal color 6249082.



This preview shows how white text looks on a background with the Decimal color 6249082.

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
6249082

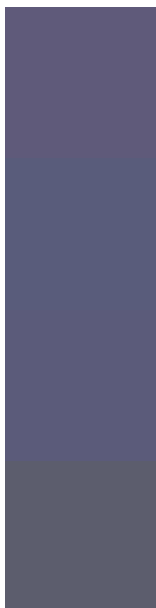
Protanopia
5594492

Deuteranopia
5790842



Tritanopia
5987941

Trichromacy



Original Color

6249082

Protanomaly

5856379

Deuteranomaly

5987194

Tritanomaly

6053229

Monochromacy



Original Color

6249082

Achromatopsia

6250335

Achromatomaly

6249833

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6249082 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 #5F5A7A looks like.

```
.text, #text, p{  
    color:#5F5A7A  
}
```

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 #5F5A7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F5A7A
}
```

Border

The CSS property to change the border of an element to Decimal 6249082 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
#5F5A7A }
```

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

```
.border{ border-color:#5F5A7A }
```

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

Here you see how a box with a 4 pixel #5F5A7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F5A7A; -webkit-box-shadow:4px 4px  
4px 4px #5F5A7A; box-shadow:4px 4px 4px  
4px #5F5A7A }
```

Background

The CSS property to change the background color of an element to Decimal 6249082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F5A7A }
```

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

```
.background{ background-color:#5F5A7A }
```

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