

Converting Colors

Decimal(6249333)

Have a look what the booklet for
Decimal(6249333) contains.

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Color

Decimal(6249333)

Conversions

Conversions Part 1

Format	Color
Hex	5F5B75
RGB	95, 91, 117
RGB Percent	37%, 36%, 46%
CMY	0.6275, 0.6431, 0.5412
CMYK	0.19, 0.22, 0.00, 0.54
HSL	249°, 12%, 41%
HSV	249°, 22%, 46%
XYZ	11.6713, 11.1994, 18.3762
YIQ	95.1600, -5.9620, 8.9340

Conversions

Conversions Part 2

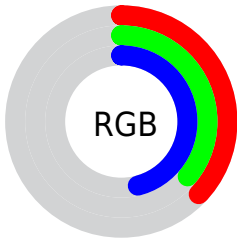
Format	Color
RYB	95, 91, 117
Decimal	6249333
CIELab	39.91, 7.51, -14.12
CIELCh	40, 15.995, 298.009
Yxy	11.1994, 0.2830, 0.2715
Android (android.graphics.Color)	4284439413 (0xFF5F5B75)
YUV	95.1600, 10.7671, -0.1403
Hunter-Lab	33.4655, 3.6881, -9.1307

Details

The Decimal color **6249333** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7435611**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **9604521**, and **3157317** is the 20% darker color. If you saturate the color by 10%, you get **5590901**, and if you desaturate by 10%, it is **6907765**.

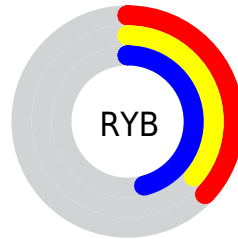
Distribution



Red (37%)

Green (36%)

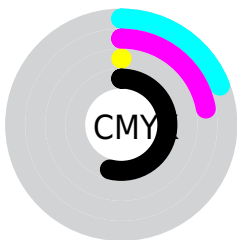
Blue (46%)



Red (37%)

Yellow (36%)

Blue (46%)

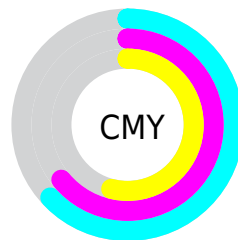


Cyan (19%)

Magenta (22%)

Yellow (0%)

Black (54%)



Cyan (63%)

Magenta (64%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6249333 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 6249333 by changing the saturation by 10% instead.

6249333

6249333

16777215

4670556

9604521

3157317

11315140

1775918

13157344

196634

14999549

0

16776191

6249333

6249333

5590901

6907765

4932725

7565941

■ 4274293

■ 8224373

■ 3615861

■ 8882805

■ 3023221

■ 9541237

■ 2364789

■ 10133877

■ 1706357

■ 10792309

■ 1179765

■ 11450741

■ 12108917

Harmonies

Analogous

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



5070712



6249333



7231340

Triad

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



6249333



7559496



4089181

Complementary

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



6249333



7435611

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.



5006416



6249333



6905156

Square

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



6249333



7886162



5988679



3695978

Rectangle

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



6249333



7689572



5988679



4351320

Sweetspot

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



6249333



9473689



5992821



4671053



13421772



5066061

Same Dimension

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



6249333



7762073



7101301



3552571



1245306



2490618

Inverse Universe

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



7691121



10055827



6583643



3880250



7995496



16384211

Previews

White Background



This preview shows how the Decimal color 6249333 looks on a white background.

Color Contrast Check

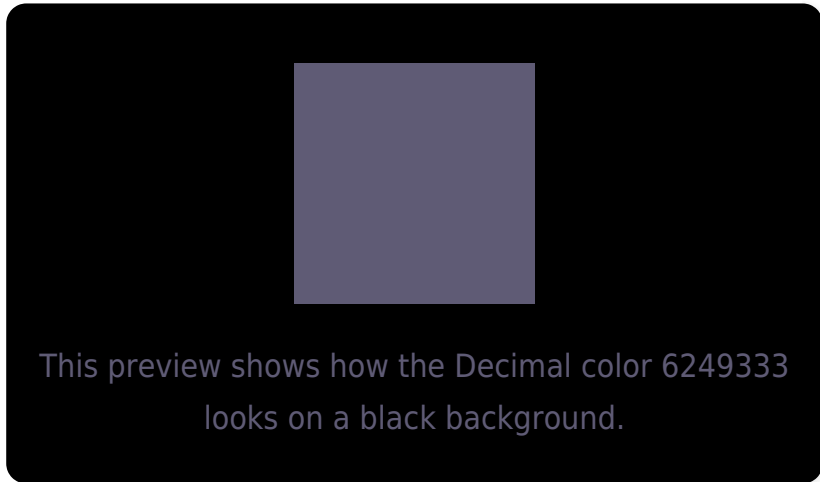
Large Text (above 18pt) WCAG AA ✓ Pass

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

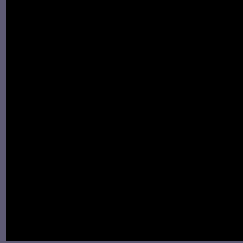
Any Text WCAG AA × Fail

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 6249333 Background



This preview shows how black text looks on a background with the Decimal color 6249333.



This preview shows how white text looks on a background with the Decimal color 6249333.

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
6249333

Protanopia
5791094

Deuteranopia
6052981



Tritanopia
6053477

Trichromacy



Original Color

6249333

Protanomaly

5987446

Deuteranomaly

6118517

Tritanomaly

6118763

Monochromacy



Original Color

6249333

Achromatopsia

6250335

Achromatomaly

6250087

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6249333 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 #5F5B75 looks like.

```
.text, #text, p{  
    color:#5F5B75  
}
```

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 #5F5B75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F5B75
}
```

Border

The CSS property to change the border of an element to Decimal 6249333 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
#5F5B75 }
```

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

```
.border{ border-color:#5F5B75 }
```

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

Here you see how a box with a 4 pixel #5F5B75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F5B75; -webkit-box-shadow:4px 4px  
4px 4px #5F5B75; box-shadow:4px 4px 4px  
4px #5F5B75 }
```

Background

The CSS property to change the background color of an element to Decimal 6249333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F5B75 }
```

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

```
.background{ background-color:#5F5B75 }
```

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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