

Converting Colors

Decimal(6239080)

Have a look what the booklet for
Decimal(6239080) contains.

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Color

Decimal(6239080)

Conversions

Conversions Part 1

Format	Color
Hex	5F3368
RGB	95, 51, 104
RGB Percent	37%, 20%, 41%
CMY	0.6275, 0.8000, 0.5922
CMYK	0.09, 0.51, 0.00, 0.59
HSL	290°, 34%, 30%
HSV	290°, 51%, 41%
XYZ	8.4018, 5.8000, 13.7734
YIQ	70.1980, 9.2110, 25.8110

Conversions

Conversions Part 2

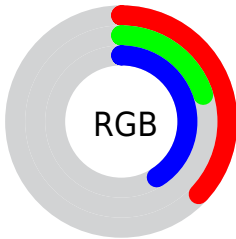
Format	Color
R_{YB}	95, 51, 104
Decimal	6239080
CIE _{Lab}	28.90, 29.19, -22.98
CIE _{LCh}	29, 37.148, 321.786
Yxy	5.8000, 0.3003, 0.2073
Android (android.graphics.Color)	4284429160 (0xFF5F3368)
YUV	70.1980, 16.6644, 21.7514
Hunter-Lab	24.0832, 20.1270, -17.0501

Details

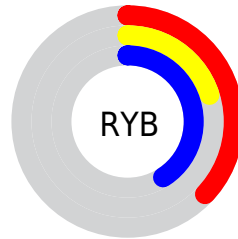
The Decimal color **6239080** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3958835**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **9659291**, and **3081529** is the 20% darker color. If you saturate the color by 10%, you get **6105448**, and if you desaturate by 10%, it is **6372712**.

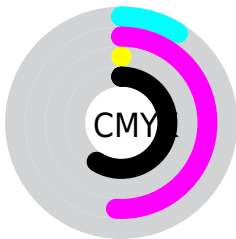
Distribution



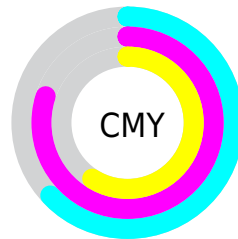
- Red (37%)
- Green (20%)
- Blue (41%)



- Red (37%)
- Yellow (20%)
- Blue (41%)



- Cyan (9%)
- Magenta (51%)
- Yellow (0%)
- Black (59%)



- Cyan (63%)
- Magenta (80%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6239080 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 6239080 by changing the saturation by 10% instead.

6239080

6239080

16777215

4594768

9659291

3081529

11435446

1835043

13277138

9

15119086

0

16764415

16771839

6239080

6239080

6105448

6372712

■ 5971560

■ 6506600

■ 5903464

■ 6574696

■ 5769576

■ 6708584

■ 5636200

■ 6842216

■ 6975848

■ 7044200

■ 7177832

■ 7311720

Harmonies

Analogous

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



3489914



6239080



7612749

Triad

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



6239080



5849092



21081

Complementary

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



6239080



3958835

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.



20795



6239080



4081927

Square

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



6239080



7156759



1592862



20337

Rectangle

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



6239080



7874618



1592862



21071

Sweetspot

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



6239080



8680327



3358056



4405317



12895428



4539717

Same Dimension

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



6239080



7943559



6828887



3288627



6226035



13172978

Inverse Universe

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



6828860



8860995



3369028



3354159



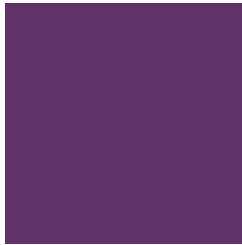
7536659



15859753

Previews

White Background



This preview shows how the Decimal color 6239080 looks on a white background.

Color Contrast Check

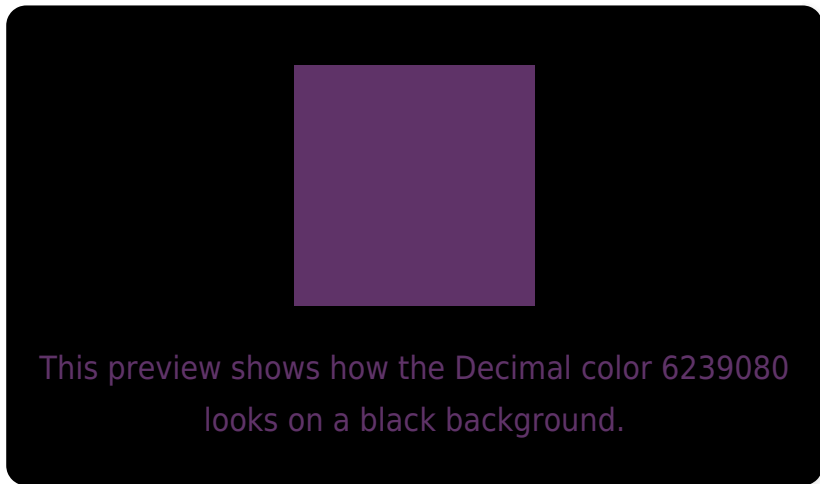
Large Text (above 18pt) WCAG AA ✓ Pass

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

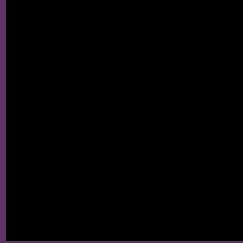
Any Text WCAG AA × Fail

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 6239080 Background



This preview shows how black text looks on a background with the Decimal color 6239080.



This preview shows how white text looks on a background with the Decimal color 6239080.

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
6239080

Protanopia
3031926

Deuteranopia
3621989



Tritanopia
5913921

Trichromacy



Original Color
6239080

Protanomaly
4210033

Deuteranomaly
4603494

Tritanomaly
6043983

Monochromacy



Original Color
6239080

Achromatopsia
4605510

Achromatomaly
5193554

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6239080 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 #5F3368 looks like.

```
.text, #text, p{  
    color:#5F3368  
}
```

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 #5F3368 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F3368
}
```

Border

The CSS property to change the border of an element to Decimal 6239080 is called "border". The border property can be set on classes, ids or directly on the HTML element.

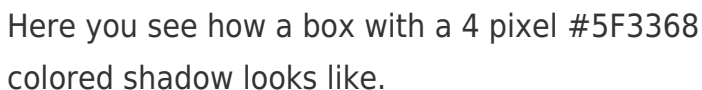
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F3368 }
```

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

```
.border{ border-color:#5F3368 }
```

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



Here you see how a box with a 4 pixel #5F3368 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F3368; -webkit-box-shadow:4px 4px  
4px 4px #5F3368; box-shadow:4px 4px 4px  
4px #5F3368 }
```

Background

The CSS property to change the background color of an element to Decimal 6239080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F3368 }
```

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

```
.background{ background-color:#5F3368 }
```

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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