

Converting Colors

Decimal(6228298)

Have a look what the booklet for
Decimal(6228298) contains.

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Color

Decimal(6228298)

Conversions

Conversions Part 1

Format	Color
Hex	5F094A
RGB	95, 9, 74
RGB Percent	37%, 4%, 29%
CMY	0.6275, 0.9647, 0.7098
CMYK	0.00, 0.91, 0.22, 0.63
HSL	315°, 83%, 20%
HSV	315°, 91%, 37%
XYZ	6.0530, 3.1227, 6.7623
YIQ	42.1240, 30.3910, 38.4470

Conversions

Conversions Part 2

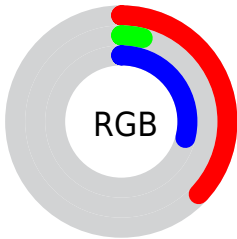
Format	Color
R_{YB}	95, 9, 74
Decimal	6228298
CIE _{Lab}	20.53, 42.22, -16.22
CIE _{LCh}	21, 45.229, 338.981
Yxy	3.1227, 0.3798, 0.1959
Android (android.graphics.Color)	4284418378 (0xFF5F094A)
YUV	42.1240, 15.7149, 46.3723
Hunter-Lab	17.6711, 30.2186, -10.3190

Details

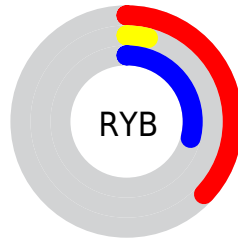
The Decimal color **6228298** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **614174**, and the grayscale version is **2763306**.

A 20% lighter version of the original color is **9716091**, and **3145759** is the 20% darker color. If you saturate the color by 10%, you get **6225992**, and if you desaturate by 10%, it is **6230604**.

Distribution



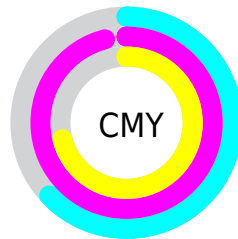
- Red (37%)
- Green (4%)
- Blue (29%)



- Red (37%)
- Yellow (4%)
- Blue (29%)



- Cyan (0%)
- Magenta (91%)
- Yellow (22%)
- Black (63%)



- Cyan (63%)
- Magenta (96%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6228298 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 6228298 by changing the saturation by 10% instead.

6228298

6228298

16777215

4522035

9716091

3145759

11557781

262144

13465007

0

15306955

16755687

16762879

16770047

6228298

6228298

■ 6225992

■ 6230604

■ 6233167

■ 6235729

■ 6238035

■ 6240598

■ 6242904

■ 6245466

■ 6247773

■ 6250335

Harmonies

Analogous

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



4006758



6228298



6946857

Triad

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



6228298



3486464



16219

Complementary

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



6228298



614174

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.



16187



6228298



997888

Square

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



6228298



5252864



15896



15216

Rectangle

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



6228298



6752532



15896



16209

Sweetspot

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



6228298



8018290



1902943



4008504



12434877



4013373

Same Dimension

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



6228298



7995485



6228256



3157039



7340117



15728821

Inverse Universe

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



6228298



7995485



614216



3157039



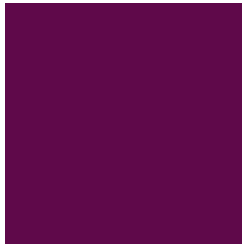
7340117



15728821

Previews

White Background



This preview shows how the Decimal color 6228298 looks on a white background.

Color Contrast Check

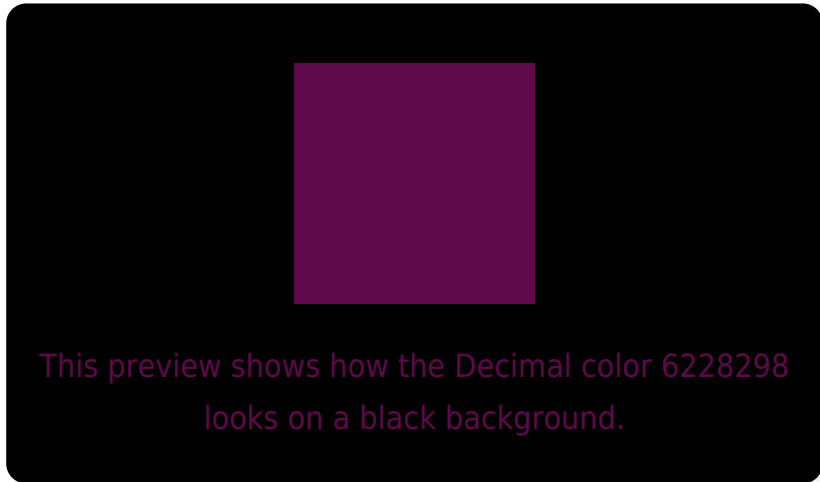
Large Text (above 18pt) WCAG AA ✓ Pass

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

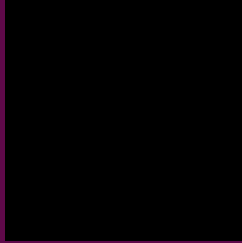
Any Text WCAG AA × Fail

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 6228298 Background



This preview shows how black text looks on a background with the Decimal color 6228298.



This preview shows how white text looks on a background with the Decimal color 6228298.

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
6228298

Protanopia
1127016

Deuteranopia
3158853

Trichromacy



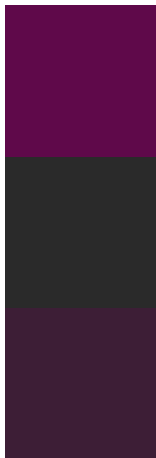
Original Color
6228298

Protanomaly
2958173

Deuteranomaly
4269127

Tritanomaly
6100527

Monochromacy



Original Color
6228298

Achromatopsia
2763306

Achromatomaly
4005430

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6228298 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 #5F094A looks like.

```
.text, #text, p{  
    color:#5F094A  
}
```

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 #5F094A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F094A
}
```

Border

The CSS property to change the border of an element to Decimal 6228298 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".

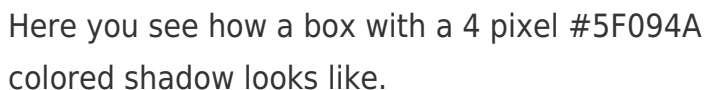
```
.border, #border, table{ border:4px solid
#5F094A }
```

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

```
.border{ border-color:#5F094A }
```

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

Here you see how a box with a 4 pixel #5F094A colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F094A; -webkit-box-shadow:4px 4px  
4px 4px #5F094A; box-shadow:4px 4px 4px  
4px #5F094A }
```

Background

The CSS property to change the background color of an element to Decimal 6228298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F094A }
```

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

```
.background{ background-color:#5F094A }
```

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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