

Converting Colors

Decimal(6271898)

Have a look what the booklet for
Decimal(6271898) contains.

Decimal(6271898)	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(6271898)

Conversions

Conversions Part 1

Format	Color
Hex	5FB39A
RGB	95, 179, 154
RGB Percent	37%, 70%, 60%
CMY	0.6275, 0.2980, 0.3961
CMYK	0.47, 0.00, 0.14, 0.30
HSL	162°, 36%, 54%
HSV	162°, 47%, 70%
XYZ	26.6721, 37.0062, 36.3090
YIQ	151.0340, -42.0390, -25.5830

Conversions

Conversions Part 2

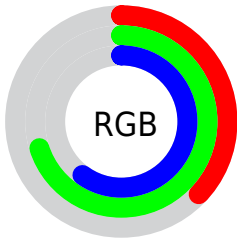
Format	Color
RYB	95, 144, 179
Decimal	6271898
CIELab	67.28, -31.62, 4.90
CIELCh	67, 32.002, 171.196
Yxy	37.0062, 0.2668, 0.3701
Android (android.graphics.Color)	4284461978 (0xFF5FB39A)
YUV	151.0340, 1.4622, -49.1418
Hunter-Lab	60.8327, -28.1938, 7.1947

Details

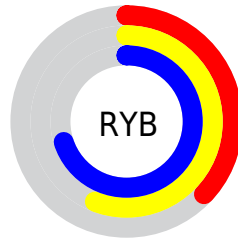
The Decimal color **6271898** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11755384**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **9890768**, and **2522727** is the 20% darker color. If you saturate the color by 10%, you get **5092245**, and if you desaturate by 10%, it is **7451551**.

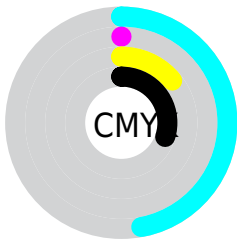
Distribution



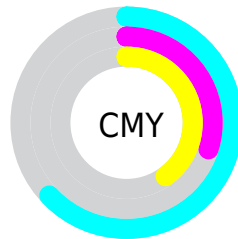
- Red (37%)
- Green (70%)
- Blue (60%)



- Red (37%)
- Yellow (56%)
- Blue (70%)



- Cyan (47%)
- Magenta (0%)
- Yellow (14%)
- Black (30%)



- Cyan (63%)
- Magenta (30%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6271898 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 6271898 by changing the saturation by 10% instead.



6271898



6271898

16777215



4429952



9890768



2522727



11730925



25679



13631487



19512



15532031



13347



8461



0



6271898



6271898



5092245



7451551

■ 3912591

■ 8631205

■ 2732938

■ 9810858

■ 1553285

■ 10990511

■ 439167

■ 12170165

■ 45950

■ 13284282

■ 14463935

■ 15643589

■ 16757706

Harmonies

Analogous

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



8564607



6271898



4436920

Triad

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



6271898



10264537



13931896

Complementary

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



6271898



11755384

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.



14520208



6271898



12621256

Square

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



6271898



7317980



14127022



12558187

Rectangle

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



6271898



4305609



14127022



14259071

Sweetspot

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



6271898



13166814



7910239



6387055



16119285



7697781

Same Dimension

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



6271898



6744257



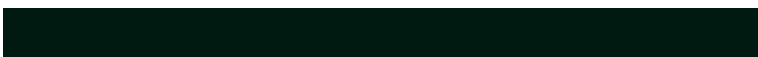
6267571



5265751



39275



6674

Inverse Universe

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



11755384



15230605



11759711



5853267



10027054



1703944

Previews

White Background



This preview shows how the Decimal color 6271898 looks on a white background.

Color Contrast Check

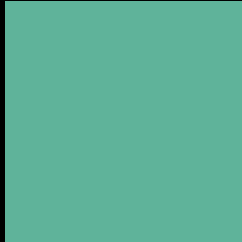
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 6271898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

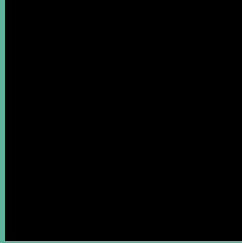
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Decimal 6271898 Background



This preview shows how black text looks on a background with the Decimal color 6271898.



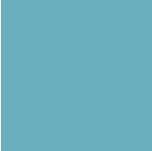
This preview shows how white text looks on a background with the Decimal color 6271898.

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





Tritanopia
6926012

Trichromacy



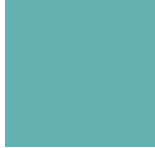
Original Color
6271898



Protanomaly
9414804



Deuteranomaly
9807261



Tritanomaly
6664368

Monochromacy



Original Color
6271898



Achromatopsia
9934743



Achromatomaly
8626584

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6271898 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 #5FB39A looks like.

```
.text, #text, p{  
    color:#5FB39A  
}
```

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 #5FB39A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FB39A
}
```

Border

The CSS property to change the border of an element to Decimal 6271898 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
#5FB39A }
```

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

```
.border{ border-color:#5FB39A }
```

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

Here you see how a box with a 4 pixel #5FB39A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FB39A; -webkit-box-shadow:4px 4px  
4px 4px #5FB39A; box-shadow:4px 4px 4px  
4px #5FB39A }
```

Background

The CSS property to change the background color of an element to Decimal 6271898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FB39A }
```

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

```
.background{ background-color:#5FB39A }
```

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