

# Converting Colors

Decimal(6400923)

Have a look what the booklet for  
Decimal(6400923) contains.

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# **Color**

**Decimal(6400923)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61AB9B
RGB	97, 171, 155
RGB Percent	38%, 67%, 61%
CMY	0.6196, 0.3294, 0.3922
CMYK	0.43, 0.00, 0.09, 0.33
HSL	167°, 31%, 53%
HSV	167°, 43%, 67%
XYZ	25.4091, 34.0338, 36.2403
YIQ	147.0500, -38.9680, -20.6640

# Conversions

## Conversions Part 2

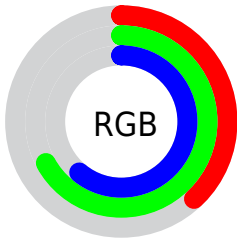
Format	Color
<b>RYB</b>	97, 138, 171
Decimal	6400923
CIELab	64.99, -27.00, 1.03
CIELCh	65, 27.015, 177.808
Yxy	34.0338, 0.2656, 0.3557
Android (android.graphics.Color)	4284591003 (0xFF61AB9B)
YUV	147.0500, 3.9193, -43.8939
Hunter-Lab	58.3385, -24.3474, 4.0055

# Details

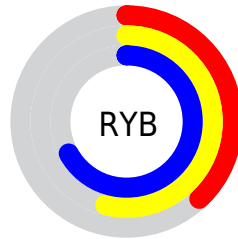
The Decimal color **6400923** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11231601**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **9954257**, and **2782824** is the 20% darker color. If you saturate the color by 10%, you get **5286807**, and if you desaturate by 10%, it is **7515039**.

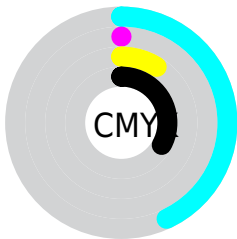
# Distribution



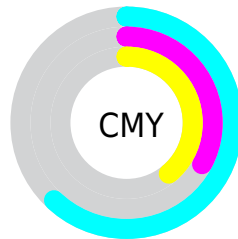
- Red (38%)
- Green (67%)
- Blue (61%)



- Red (38%)
- Yellow (54%)
- Blue (67%)



- Cyan (43%)
- Magenta (0%)
- Yellow (9%)
- Black (33%)



- Cyan (62%)
- Magenta (33%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6400923 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 6400923 by changing the saturation by 10% instead.



■ 6400923

■ 6400923

16777215

■ 4624513

■ 9954257

■ 2782824

■ 11796462

■ 351568

■ 13697023

■ 17721

■ 15597567

■ 11812

■ 6670

■ 0

■ 6400923

■ 6400923

■ 5286807

■ 7515039

4172692

8629154

3058576

9743270

1944460

10857386

764809

11971501

43910

13151153

14265269

15379385

16493500

# Harmonies

## Analogous

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



8104067



6400923



5417907

# Triad

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



6400923



10459336



12882806

# Complementary

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



6400923



11231601

# 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.



13536648



6400923



12292280

# Square

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



6400923



8167630



13339808



11639917

# Rectangle

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



6400923



5679553



13339808



13209979



# Sweetspot

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



6400923



12705496



7449441



6189164



15790320



7368816



# Same Dimension

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



6400923



7003845



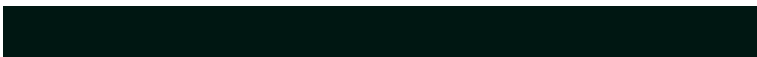
6395563



5134165



38518



5906



# Inverse Universe

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



11231601



14576259



11236961



5721680



9830433

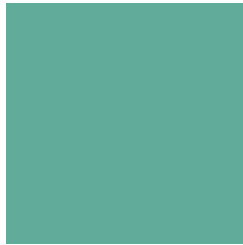


1507333



# Previews

## White Background



This preview shows how the Decimal color 6400923 looks on a white background.

## Color Contrast Check

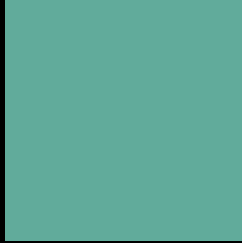
Large Text (above 18pt) WCAG AA × Fail

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 6400923 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 6400923 Background



This preview shows how black text looks on a background with the Decimal color 6400923.



This preview shows how white text looks on a background with the Decimal color 6400923.

# 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](#).

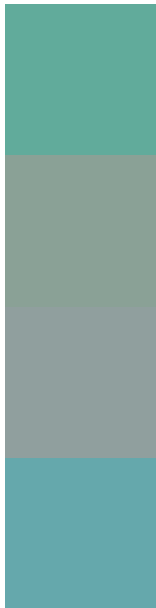
## Dichromacy





**Tritanopia**  
6858677

# Trichromacy



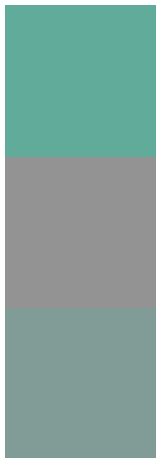
**Original Color**  
6400923

**Protanomaly**  
9085334

**Deuteranomaly**  
9478046

**Tritanomaly**  
6662316

# Monochromacy



**Original Color**  
6400923

**Achromatopsia**  
9671571

**Achromatomaly**  
8494230

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6400923 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 #61AB9B looks like.

```
.text, #text, p{  
    color:#61AB9B  
}
```

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 #61AB9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61AB9B
}
```

## Border

The CSS property to change the border of an element to Decimal 6400923 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
#61AB9B }
```

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

```
.border{ border-color:#61AB9B }
```

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

Here you see how a box with a 4 pixel #61AB9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61AB9B; -webkit-box-shadow:4px 4px  
4px 4px #61AB9B; box-shadow:4px 4px 4px  
4px #61AB9B }
```

# Background

The CSS property to change the background color of an element to Decimal 6400923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61AB9B }
```

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

```
.background{ background-color:#61AB9B }
```

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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