

Converting Colors

Decimal(6463902)

Have a look what the booklet for
Decimal(6463902) contains.

Decimal(6463902)	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(6463902)

Conversions

Conversions Part 1

Format	Color
Hex	62A19E
RGB	98, 161, 158
RGB Percent	38%, 63%, 62%
CMY	0.6157, 0.3686, 0.3804
CMYK	0.39, 0.00, 0.02, 0.37
HSL	177°, 25%, 51%
HSV	177°, 39%, 63%
XYZ	23.9534, 30.5550, 36.9830
YIQ	141.8210, -36.5850, -14.2890

Conversions

Conversions Part 2

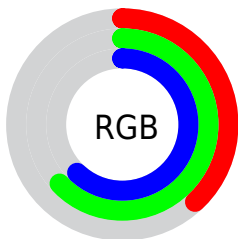
Format	Color
RYB	98, 130, 161
Decimal	6463902
CIELab	62.13, -20.94, -4.84
CIElCh	62, 21.494, 193.004
Yxy	30.5550, 0.2618, 0.3340
Android (android.graphics.Color)	4284653982 (0xFF62A19E)
YUV	141.8210, 7.9762, -38.4310
Hunter-Lab	55.2766, -19.3833, -0.9745

Details

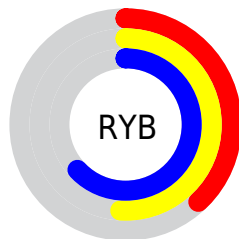
The Decimal color **6463902** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **10576485**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **10016981**, and **2977131** is the 20% darker color. If you saturate the color by 10%, you get **5415325**, and if you desaturate by 10%, it is **7512479**.

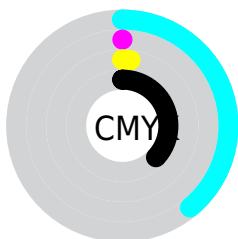
Distribution



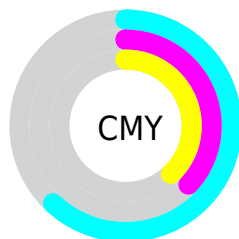
- Red (38%)
- Green (63%)
- Blue (62%)



- Red (38%)
- Yellow (51%)
- Blue (63%)



- Cyan (39%)
- Magenta (0%)
- Yellow (2%)
- Black (37%)



- Cyan (62%)
- Magenta (37%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6463902 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 6463902 by changing the saturation by 10% instead.

6463902

6463902

16777215

4753284

10016981

2977131

11793905

873811

13697023

15676

15597567

10022

3857

0

6463902

6463902

5415325

7512479

■ 4366748

■ 8561056

■ 3318172

■ 9609632

■ 2269595

■ 10658209

■ 1221018

■ 11772322

■ 106905

■ 12820899

■ 41369

■ 13869475

■ 14918052

■ 15966629

Harmonies

Analogous

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



7446666



6463902



6397871

Triad

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



6463902



10784690



11440498

Complementary

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



6463902



10576485

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.



12225661



6463902



11897506

Square

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



6463902



9147835



12421518



10262641

Rectangle

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



6463902



6987192



12421518



11767669

Sweetspot

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



6463902



12112336



6660450



5925224



15263976



6908265

Same Dimension

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



6463902



7328204



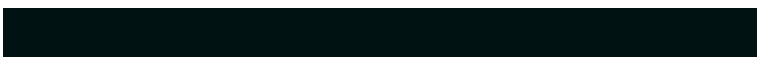
6456737



4805201



37258



4625

Inverse Universe

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



10576485



13725556



10583650



5392714



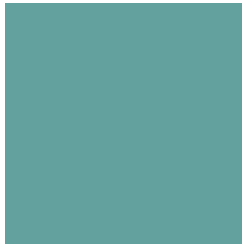
9502727



1179649

Previews

White Background



This preview shows how the Decimal color 6463902 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 6463902 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 6463902 Background



This preview shows how black text looks on a background with the Decimal color 6463902.

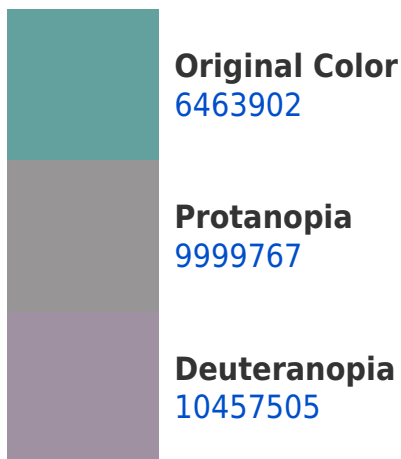



This preview shows how white text looks on a background with the Decimal color 6463902.

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](#).

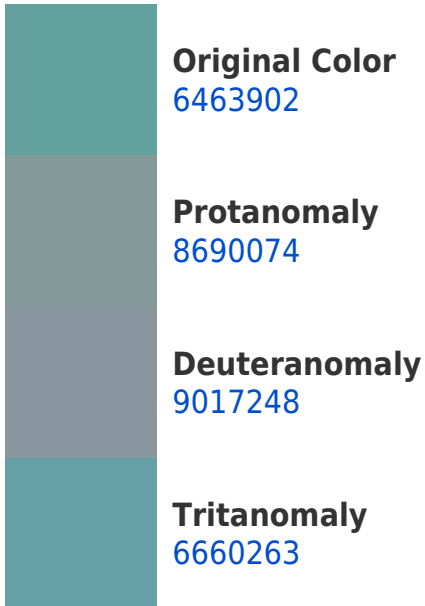
Dichromacy



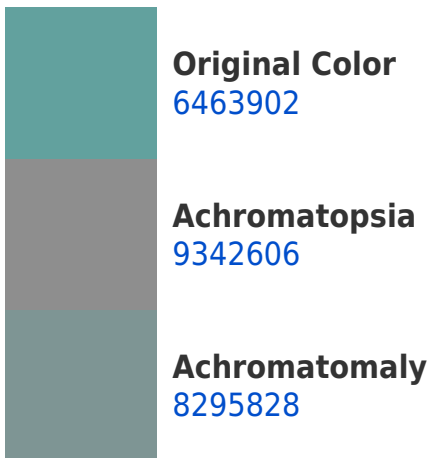


Tritanopia
6725548

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6463902 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 #62A19E looks like.

```
.text, #text, p{  
  color:#62A19E  
}
```

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 #62A19E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62A19E
}
```

Border

The CSS property to change the border of an element to Decimal 6463902 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
#62A19E }
```

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

```
.border{ border-color:#62A19E }
```

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

Here you see how a box with a 4 pixel #62A19E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62A19E; -webkit-box-shadow:4px 4px  
4px 4px #62A19E; box-shadow:4px 4px 4px  
4px #62A19E }
```

Background

The CSS property to change the background color of an element to Decimal 6463902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62A19E }
```

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

```
.background{ background-color:#62A19E }
```

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