

Converting Colors

Decimal(432503)

Have a look what the booklet for
Decimal(432503) contains.

Decimal(432503)	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(432503)

Conversions

Conversions Part 1

Format	Color
Hex	069977
RGB	6, 153, 119
RGB Percent	2%, 60%, 47%
CMY	0.9765, 0.4000, 0.5333
CMYK	0.96, 0.00, 0.22, 0.40
HSL	166°, 92%, 31%
HSV	166°, 96%, 60%
XYZ	14.7961, 24.1531, 21.3349
YIQ	105.1710, -76.6980, -41.7380

Conversions

Conversions Part 2

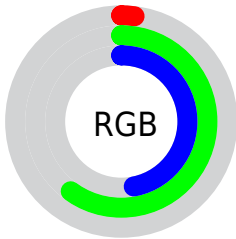
Format	Color
RYB	6, 89, 153
Decimal	432503
CIELab	56.24, -42.41, 8.39
CIELCh	56, 43.233, 168.812
Yxy	24.1531, 0.2454, 0.4007
Android (android.graphics.Color)	4278622583 (0xFF069977)
YUV	105.1710, 6.8177, -86.9730
Hunter-Lab	49.1458, -32.2649, 8.6634

Details

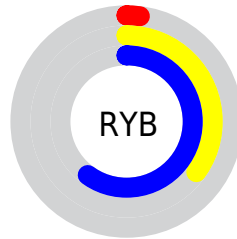
The Decimal color **432503** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **10028584**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **5886123**, and **25927** is the 20% darker color. If you saturate the color by 10%, you get **39286**, and if you desaturate by 10%, it is **1415547**.

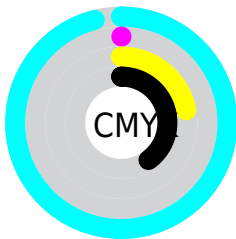
Distribution



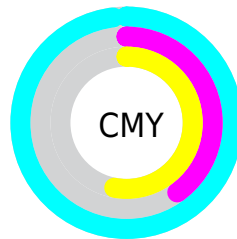
- Red (2%)
- Green (60%)
- Blue (47%)



- Red (2%)
- Yellow (35%)
- Blue (60%)



- Cyan (96%)
- Magenta (0%)
- Yellow (22%)
- Black (40%)



- Cyan (98%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 432503 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 432503 by changing the saturation by 10% instead.

 432503  432503

16777215  32350

 5886123  25927

 7859654  19504

 9764835  13339

 11665407  7681

 13631487  0

 15597567

 432503  432503

 39286  1415547

■ 2464126

■ 3447170

■ 4430213

■ 5478793

■ 6461836

■ 7444880

■ 8427923

■ 9476503

Harmonies

Analogous

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



5936211



432503



39582

Triad

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



432503



7504590



12808784

Complementary

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



432503



10028584

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.



13527153



432503



10974393

Square

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



432503



36816



12937623



11108411

Rectangle

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



432503



39093



12937623



13135450

Sweetspot

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



432503



9291706



2660614



4285275



14935011



6513507

Same Dimension

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



432503



51097



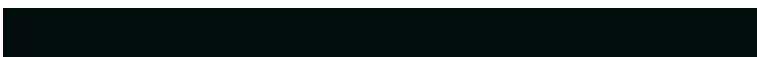
422553



4541771



35948



3338

Inverse Universe

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



10028584



13041710



10038534



5064007



9175072



851971

Previews

White Background



This preview shows how the Decimal color 432503 looks on a white background.

Color Contrast Check

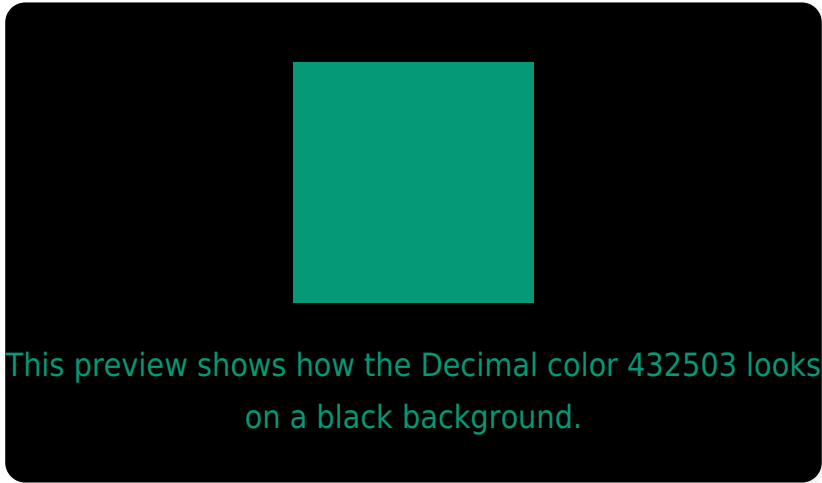
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

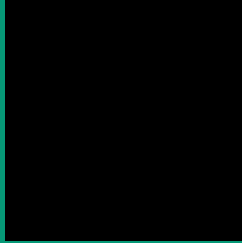
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 432503 Background



This preview shows how black text looks on a background with the Decimal color 432503.

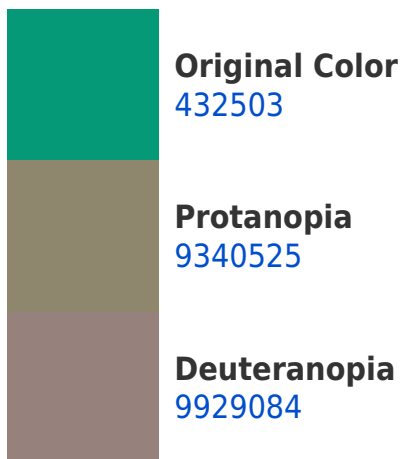


This preview shows how white text looks on a background with the Decimal color 432503.

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](#).

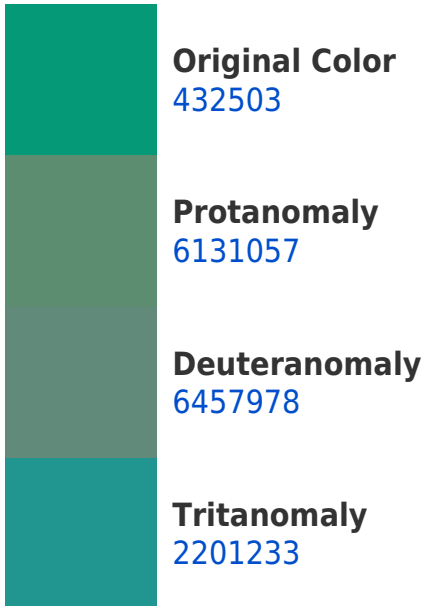
Dichromacy



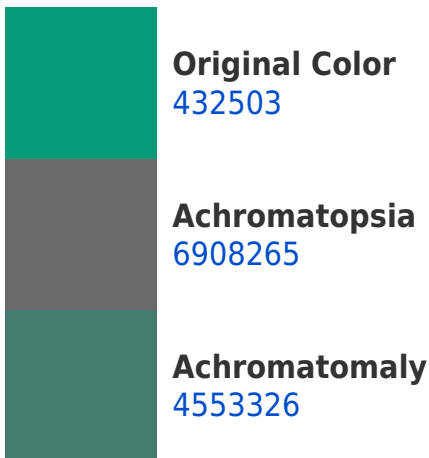


Tritanopia
3183776

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 432503 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 #069977 looks like.

```
.text, #text, p{  
    color:#069977  
}
```

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 #069977 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #069977
}
```

Border

The CSS property to change the border of an element to Decimal 432503 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
#069977 }
```

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

```
.border{ border-color:#069977 }
```

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

Here you see how a box with a 4 pixel #069977 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #069977; -webkit-box-shadow:4px 4px  
4px 4px #069977; box-shadow:4px 4px 4px  
4px #069977 }
```

Background

The CSS property to change the background color of an element to Decimal 432503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#069977 }
```

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

```
.background{ background-color:#069977 }
```

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