

Converting Colors

Decimal(24917)

Have a look what the booklet for
Decimal(24917) contains.

Decimal(24917)	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(24917)

Conversions

Conversions Part 1

Format	Color
Hex	006155
RGB	0, 97, 85
RGB Percent	0%, 38%, 33%
CMY	1.0000, 0.6196, 0.6667
CMYK	1.00, 0.00, 0.12, 0.62
HSL	173°, 100%, 19%
HSV	173°, 100%, 38%
XYZ	5.9144, 9.2053, 10.0594
YIQ	66.6290, -53.9600, -24.2960

Conversions

Conversions Part 2

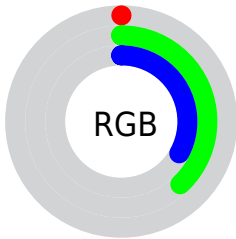
Format	Color
RYB	0, 52, 97
Decimal	24917
CIELab	36.38, -27.63, -0.11
CIELCh	36, 27.626, 180.227
Yxy	9.2053, 0.2349, 0.3656
Android (android.graphics.Color)	4278214997 (0xFF006155)
YUV	66.6290, 9.0569, -58.4336
Hunter-Lab	30.3402, -18.2993, 1.5803

Details

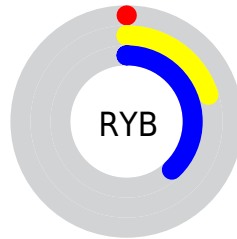
The Decimal color **24917** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6357004**, and the grayscale version is **4408131**.

A 20% lighter version of the original color is **4625543**, and **12840** is the 20% darker color. If you saturate the color by 10%, you get **24917**, and if you desaturate by 10%, it is **680278**.

Distribution



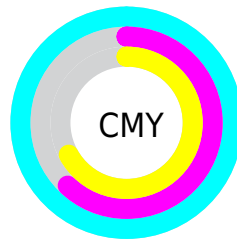
- Red (0%)
- Green (38%)
- Blue (33%)



- Red (0%)
- Yellow (20%)
- Blue (38%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (62%)



- Cyan (100%)
- Magenta (62%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 24917 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 24917 by changing the saturation by 10% instead.

■ 24917 ■ 24917

16777215 ■ 18750

■ 4625543 ■ 12840

■ 6401953 ■ 7956

■ 8178620 ■ 0

■ 10020823

■ 11862004

■ 13762559

■ 15663103

■ 24917

■ 680278

■ 1270103

■ 1925465

■ 2580826

■ 3236187

■ 3826012

■ 4481373

■ 5136735

■ 5726560

Harmonies

Analogous

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



3235647



24917



24939

Triad

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



24917



5787772



7687216

Complementary

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



24917



6357004

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.



8341056



24917



7424108

Square

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



24917



3233922



8274774



6509608

Rectangle

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



24917



24439



8274774



7948852

Sweetspot

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



24917



5733752



876800



2703421



12566463



4210752

Same Dimension

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



24917



32109



15713



2895920



28770



61650

Inverse Universe

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



6357004



8192015



6366208



3157036



7340046



15728670

Previews

White Background



This preview shows how the Decimal color 24917 looks on a white background.

Color Contrast Check

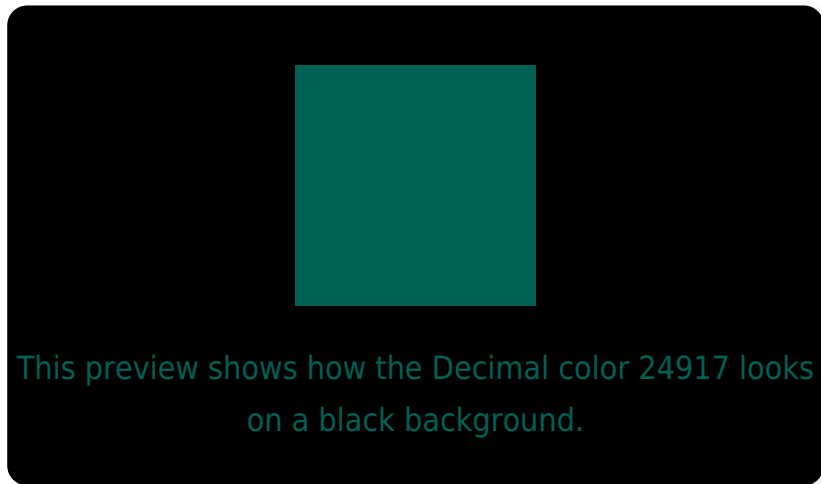
Large Text (above 18pt) WCAG AA ✓ Pass

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

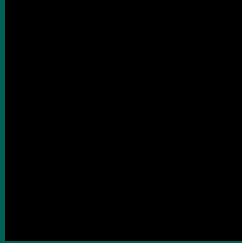
Any Text WCAG AA × Fail

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 24917 Background



This preview shows how black text looks on a background with the Decimal color 24917.



This preview shows how white text looks on a background with the Decimal color 24917.

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
24917

Protanopia
5854543

Deuteranopia
6116184

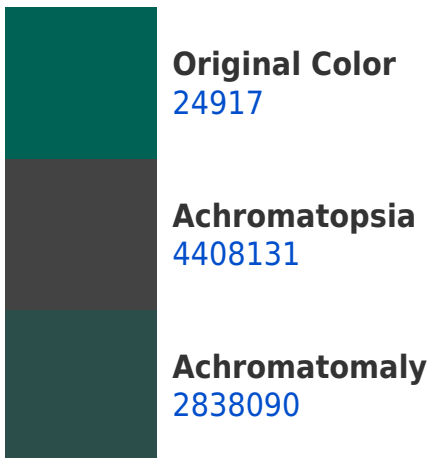


Tritanopia
1728358

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 24917 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 #006155 looks like.

```
.text, #text, p{  
    color:#006155  
}
```

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 #006155 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006155
}
```

Border

The CSS property to change the border of an element to Decimal 24917 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
#006155 }
```

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

```
.border{ border-color:#006155 }
```

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

Here you see how a box with a 4 pixel #006155 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006155; -webkit-box-shadow:4px 4px  
4px 4px #006155; box-shadow:4px 4px 4px  
4px #006155 }
```

Background

The CSS property to change the background color of an element to Decimal 24917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006155 }
```

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

```
.background{ background-color:#006155 }
```

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