

Converting Colors

Decimal(24951)

Have a look what the booklet for
Decimal(24951) contains.

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Color

Decimal(24951)

Conversions

Conversions Part 1

Format	Color
Hex	006177
RGB	0, 97, 119
RGB Percent	0%, 38%, 47%
CMY	1.0000, 0.6196, 0.5333
CMYK	1.00, 0.18, 0.00, 0.53
HSL	191°, 100%, 23%
HSV	191°, 100%, 47%
XYZ	7.6045, 9.8813, 18.9592
YIQ	70.5050, -64.8740, -13.7220

Conversions

Conversions Part 2

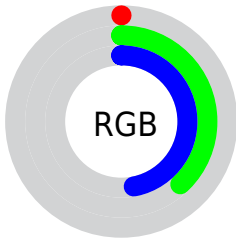
Format	Color
RYB	0, 53, 119
Decimal	24951
CIELab	37.63, -15.71, -19.22
CIElCh	38, 24.821, 230.742
Yxy	9.8813, 0.2087, 0.2711
Android (android.graphics.Color)	4278215031 (0xFF006177)
YUV	70.5050, 23.9080, -61.8329
Hunter-Lab	31.4345, -11.8287, -13.7557

Details

The Decimal color **24951** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7804416**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **5018795**, and **12871** is the 20% darker color. If you saturate the color by 10%, you get **24951**, and if you desaturate by 10%, it is **811895**.

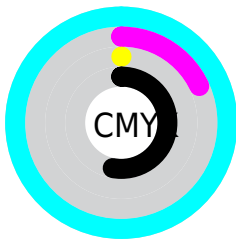
Distribution



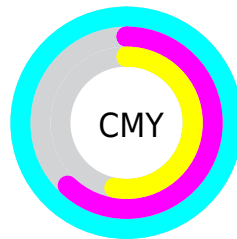
- Red (0%)
- Green (38%)
- Blue (47%)



- Red (0%)
- Yellow (21%)
- Blue (47%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (62%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 24951 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 24951 by changing the saturation by 10% instead.

■ 24951 ■ 24951

16777215 ■ 18782

■ 5018795 ■ 12871

■ 6860487 ■ 7728

■ 8702691 ■ 283

■ 10544895 ■ 0

■ 12386303

■ 14286847

■ 16252927

■ 24951

■ 811895

■ 1598839

■ 2386039

■ 3172983

■ 3894391

■ 4681335

■ 5468279

■ 6255479

■ 7042423

Harmonies

Analogous

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



25446



24951



3103872

Triad

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



24951



8079712



5790770

Complementary

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



24951



7804416

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.



7034161



24951



8341835

Square

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



24951



7097970



7949882



4218942

Rectangle

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



24951



4675712



7949882



6183473

Sweetspot

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



24951



7181212



30486



3361359



13619151



5197647

Same Dimension

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



24951



32668



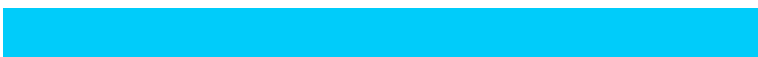
9847



3488315



25722



52474

Inverse Universe

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



7798881



10223743



7819520



3880250



7995492



16384204

Previews

White Background



This preview shows how the Decimal color 24951 looks on a white background.

Color Contrast Check

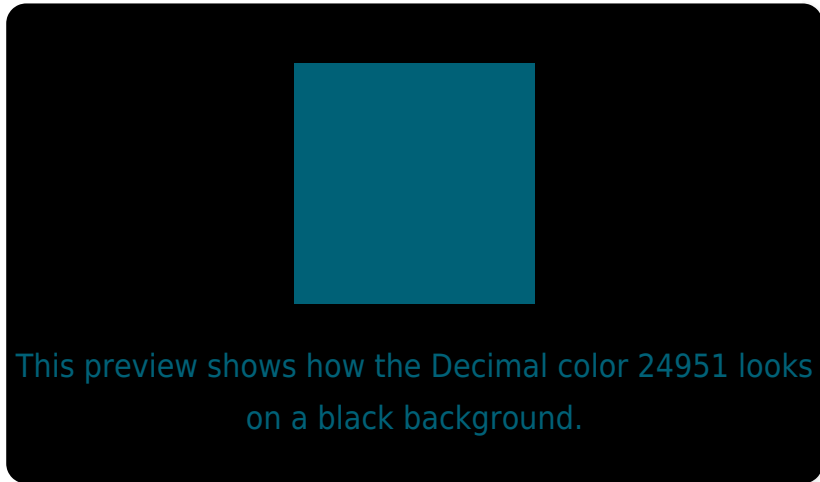
Large Text (above 18pt) WCAG AA ✓ Pass

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

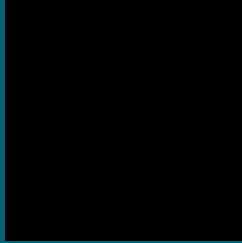
Any Text WCAG AA × Fail

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 24951 Background



This preview shows how black text looks on a background with the Decimal color 24951.

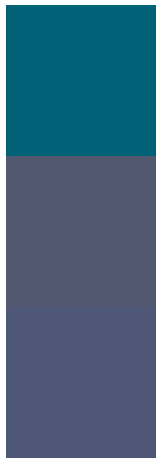


This preview shows how white text looks on a background with the Decimal color 24951.

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

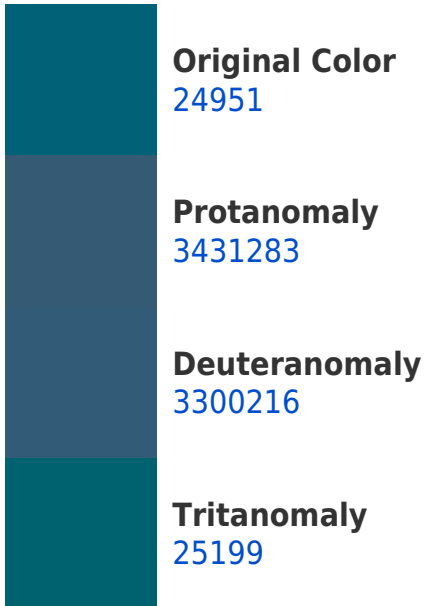


Original Color
24951

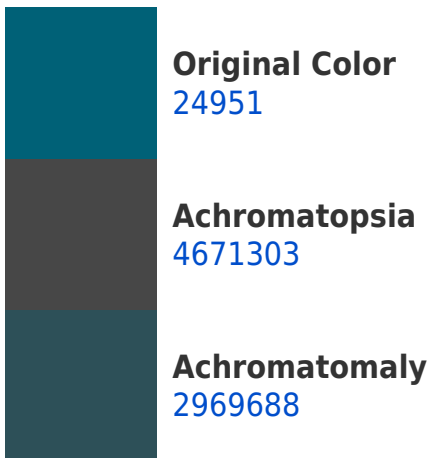
Protanopia
5396592

Deuteranopia
5199737

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 24951 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 #006177 looks like.

```
.text, #text, p{  
  color:#006177  
}
```

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 #006177 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006177
}
```

Border

The CSS property to change the border of an element to Decimal 24951 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
#006177 }
```

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

```
.border{ border-color:#006177 }
```

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

Here you see how a box with a 4 pixel #006177 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006177; -webkit-box-shadow:4px 4px  
4px 4px #006177; box-shadow:4px 4px 4px  
4px #006177 }
```

Background

The CSS property to change the background color of an element to Decimal 24951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006177 }
```

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

```
.background{ background-color:#006177 }
```

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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