

# Converting Colors

Decimal(14950)

Have a look what the booklet for  
Decimal(14950) contains.

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# Color

**Decimal(14950)**

# Conversions

## Conversions Part 1

Format	Color
Hex	003A66
RGB	0, 58, 102
RGB Percent	0%, 23%, 40%
CMY	1.0000, 0.7725, 0.6000
CMYK	1.00, 0.43, 0.00, 0.60
HSL	206°, 100%, 20%
HSV	206°, 100%, 40%
XYZ	3.9113, 3.9854, 13.1335
YIQ	45.6740, -48.6920, 1.3880

# Conversions

## Conversions Part 2

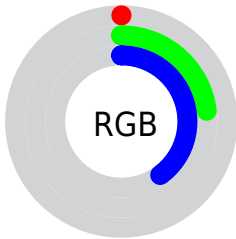
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 37, 102
Decimal	14950
CIELab	23.62, 1.83, -30.50
CIELCh	24, 30.557, 273.440
Yxy	3.9854, 0.1860, 0.1895
Android (android.graphics.Color)	4278205030 (0xFF003A66)
YUV	45.6740, 27.7687, -40.0561
Hunter-Lab	19.9635, 0.0362, -25.0309

# Details

The Decimal color **14950** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6695936**, and the grayscale version is **2960685**.

A 20% lighter version of the original color is **4483481**, and **3895** is the 20% darker color. If you saturate the color by 10%, you get **14950**, and if you desaturate by 10%, it is **671334**.

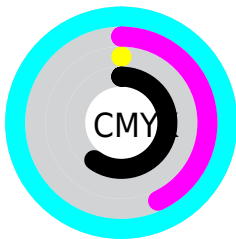
# Distribution



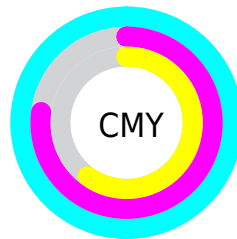
- Red (0%)
- Green (23%)
- Blue (40%)



- Red (0%)
- Yellow (15%)
- Blue (40%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (77%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14950 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 14950 by changing the saturation by 10% instead.



■ 14950                      ■ 14950

16777215                      ■ 9550

■ 4483481                      ■ 3895

■ 6259380                      ■ 545

■ 8035536                      ■ 6

■ 9811692                      ■ 0

■ 11653887

■ 13561599

■ 15466495

■ 14950

■ 671334

■ 1327974

■ 2049894

■ 2706534

■ 3362918

■ 4019302

■ 4675942

■ 5397862

■ 6054502

# Harmonies

## Analogous

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



16481



14950



3944799

# Triad

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



14950



6301216



82467

# Complementary

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



14950



6695936

# 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.



2768399



14950



5517070

# Square

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



14950



6365751



4339717



17210

# Rectangle

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



14950



5188180



4339717



1392924



# Sweetspot

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



14950



6124421



26155



2766914



12763842



4342338



# Same Dimension

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



14950



19333



2150



3027251



16755



35570



# Inverse Universe

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



6684730



8716363



6708736



3354161



7536705



15859850



# Previews

## White Background



This preview shows how the Decimal color 14950 looks on a white background.

### Color Contrast Check

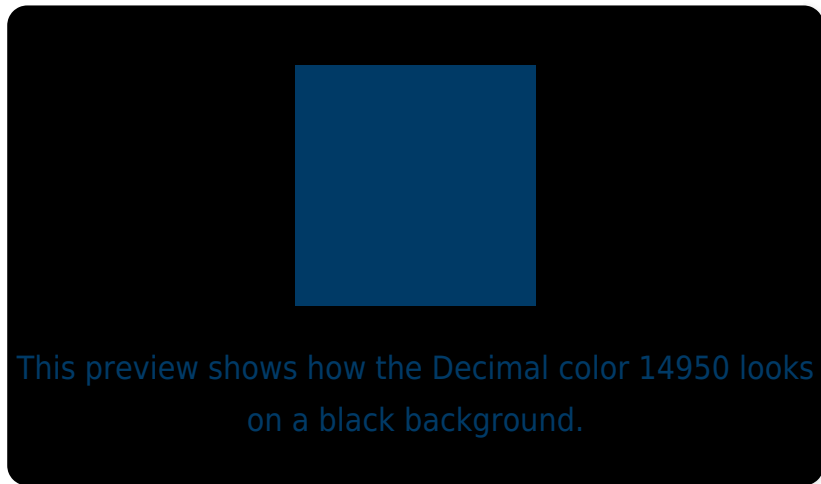
Large Text (above 18pt) WCAG AA ✓ Pass

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

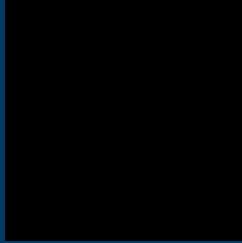
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 14950 Background



This preview shows how black text looks on a background with the Decimal color 14950.



This preview shows how white text looks on a background with the Decimal color 14950.

# 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**  
14950

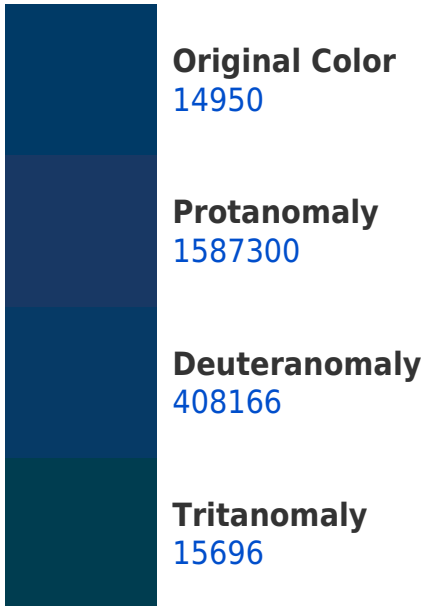
**Protanopia**  
2439011

**Deuteranopia**  
670310



**Tritanopia**  
16195

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14950 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 #003A66 looks like.

```
.text, #text, p{  
  color:#003A66  
}
```

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 #003A66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003A66
}
```

## Border

The CSS property to change the border of an element to Decimal 14950 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
#003A66 }
```

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

```
.border{ border-color:#003A66 }
```

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

Here you see how a box with a 4 pixel #003A66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003A66; -webkit-box-shadow:4px 4px  
4px 4px #003A66; box-shadow:4px 4px 4px  
4px #003A66 }
```

# Background

The CSS property to change the background color of an element to Decimal 14950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003A66 }
```

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

```
.background{ background-color:#003A66 }
```

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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