

Converting Colors

Decimal(14913)

Have a look what the booklet for
Decimal(14913) contains.

| | |
|--|----|
| Decimal(14913) | 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(14913)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 003A41 |
| RGB | 0, 58, 65 |
| RGB Percent | 0%, 23%, 25% |
| CMY | 1.0000, 0.7725, 0.7451 |
| CMYK | 1.00, 0.11, 0.00, 0.75 |
| HSL | 186°, 100%, 13% |
| HSV | 186°, 100%, 25% |
| XYZ | 2.4672, 3.4078, 5.5288 |
| YIQ | 41.4560, -36.8150, -10.1190 |

Conversions

Conversions Part 2

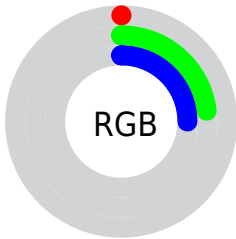
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 0, 31, 65 |
| Decimal | 14913 |
| CIE _{Lab} | 21.61, -14.06, -9.22 |
| CIE _{LCh} | 22, 16.812, 213.253 |
| Yxy | 3.4078, 0.2163, 0.2988 |
| Android (android.graphics.Color) | 4278204993 (0xFF003A41) |
| YUV | 41.4560, 11.6072, -36.3569 |
| Hunter-Lab | 18.4601, -8.4488, -4.8351 |

Details

The Decimal color **14913** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4261632**, and the grayscale version is **2697513**.

A 20% lighter version of the original color is **3828081**, and **3095** is the 20% darker color. If you saturate the color by 10%, you get **14913**, and if you desaturate by 10%, it is **408385**.

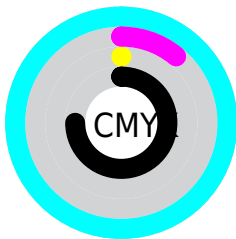
Distribution



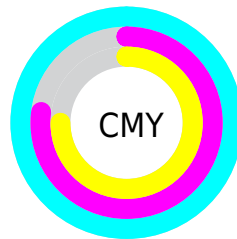
- Red (0%)
- Green (23%)
- Blue (25%)



- Red (0%)
- Yellow (12%)
- Blue (25%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (75%)



- Cyan (100%)
- Magenta (77%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Decimal color 14913 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 14913 by changing the saturation by 10% instead.

 14913  14913

 16252927  9259

 3828081  3095

 5473162  0

 7183781

 8894656

 10671067

 12513528

 14352383

 14913

■ 408385

■ 867137

■ 1326145

■ 1719617

■ 2178625

■ 2571841

■ 2965313

■ 3424321

■ 3883073

Harmonies

Analogous

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



866869



14913



866378

Triad

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



14913



4533311



3879707

Complementary

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



14913



4261632

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.



4534046



14913



4926003

Square

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



14913



3616841



4926247



3028767

Rectangle

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



14913



1914444



4926247



4076059

Sweetspot

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



14913



3887444



16646



1845803



11250603



2829099

Same Dimension

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



14913



19284



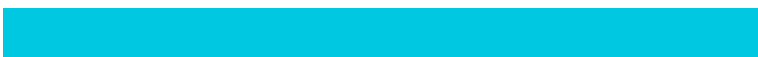
6721



1974561



22113



51424

Inverse Universe

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



4259898



5505099



4269824



2170401



6357078



14680264

Previews

White Background



This preview shows how the Decimal color 14913 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

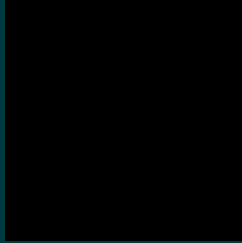
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

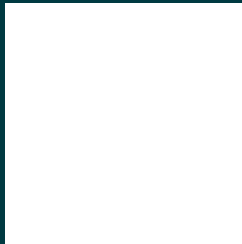
Any Text WCAG AAA × Fail

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

Decimal 14913 Background



This preview shows how black text looks on a background with the Decimal color 14913.



This preview shows how white text looks on a background with the Decimal color 14913.

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

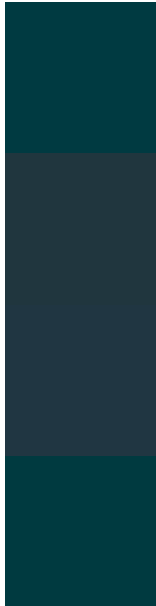


Original Color
14913

Protanopia
3355709

Deuteranopia
3289922

Trichromacy



Original Color
14913

Protanomaly
2111038

Deuteranomaly
2111042

Tritanomaly
14912

Monochromacy



Original Color
14913

Achromatopsia
2697513

Achromatomaly
1716018

CSS Examples

Text

The CSS property to change the color of the text to Decimal 14913 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 #003A41 looks like.

```
.text, #text, p{  
    color:#003A41  
}
```

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 #003A41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003A41
}
```

Border

The CSS property to change the border of an element to Decimal 14913 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
#003A41 }
```

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

```
.border{ border-color:#003A41 }
```

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

Here you see how a box with a 4 pixel #003A41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003A41; -webkit-box-shadow:4px 4px  
4px 4px #003A41; box-shadow:4px 4px 4px  
4px #003A41 }
```

Background

The CSS property to change the background color of an element to Decimal 14913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003A41 }
```

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

```
.background{ background-color:#003A41 }
```

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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