

# Converting Colors

Decimal(14412)

Have a look what the booklet for  
Decimal(14412) contains.

<b>Decimal(14412)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(14412)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00384C
RGB	0, 56, 76
RGB Percent	0%, 22%, 30%
CMY	1.0000, 0.7804, 0.7020
CMYK	1.00, 0.26, 0.00, 0.70
HSL	196°, 100%, 15%
HSV	196°, 100%, 30%
XYZ	2.7187, 3.3501, 7.3408
YIQ	41.5360, -39.7960, -5.6520

# Conversions

## Conversions Part 2

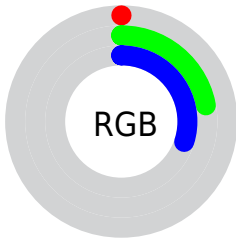
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 32, 76
Decimal	14412
CIELab	21.39, -8.27, -16.93
CIELCh	21, 18.839, 243.953
Yxy	3.3501, 0.2027, 0.2498
Android (android.graphics.Color)	4278204492 (0xFF00384C)
YUV	41.5360, 16.9908, -36.4271
Hunter-Lab	18.3034, -5.5176, -10.9667

# Details

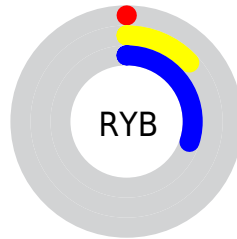
The Decimal color **14412** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4985856**, and the grayscale version is **2697513**.

A 20% lighter version of the original color is **3958653**, and **2848** is the 20% darker color. If you saturate the color by 10%, you get **14412**, and if you desaturate by 10%, it is **539212**.

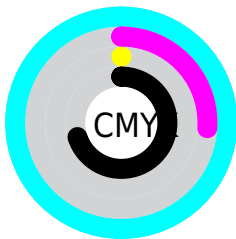
# Distribution



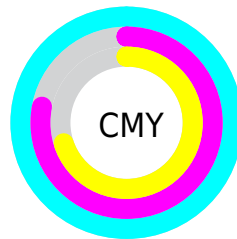
- Red (0%)
- Green (22%)
- Blue (30%)



- Red (0%)
- Yellow (13%)
- Blue (30%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (70%)




- Cyan (100%)
- Magenta (78%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14412 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 14412 by changing the saturation by 10% instead.



 14412                       14412

 16515071                       9013

 3958653                       2848

 5669015                       5

 7379634                       0

 9090509

 10932457

 12709375

 14614527

 14412

■ 539212

■ 998476

■ 1523276

■ 1982540

■ 2507340

■ 3032140

■ 3491404

■ 4016204

■ 4475468

# Harmonies

## Analogous

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



14914



14412



2176079

# Triad

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



14412



5056562



2897692

# Complementary

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



14412



4985856

# 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.



3814167



14412



5057061

# Square

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



14412



4598336



4599323



1718823

# Rectangle

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



14412



3158349



4599323



3225113



# Sweetspot

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



14412



4611171



19475



2174515



11776947



3355443



# Same Dimension

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



14412



18787



4940



2237734



19302



43494



# Inverse Universe

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



4980792



6488137



4995328



2499109



6684747



15073449



# Previews

## White Background



This preview shows how the Decimal color 14412 looks on a white background.

### Color Contrast Check

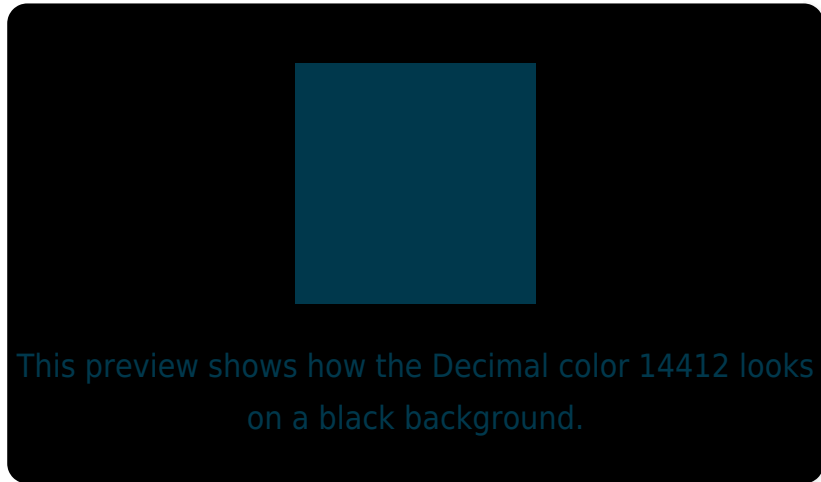
Large Text (above 18pt) WCAG AA ✓ Pass

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

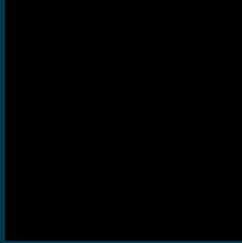
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 14412 Background



This preview shows how black text looks on a background with the Decimal color 14412.



This preview shows how white text looks on a background with the Decimal color 14412.

# 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**  
14412

**Protanopia**  
3027784

**Deuteranopia**  
2700365



**Tritanopia**  
14910

# Trichromacy



**Original Color**  
14412

**Protanomaly**  
1914185

**Deuteranomaly**  
1717581

**Tritanomaly**  
14659

# Monochromacy



**Original Color**  
14412

**Achromatopsia**  
2763306

**Achromatomaly**  
1781558

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14412 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 #00384C looks like.

```
.text, #text, p{  
    color:#00384C  
}
```

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 #00384C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00384C
}
```

## Border

The CSS property to change the border of an element to Decimal 14412 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
#00384C }
```

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

```
.border{ border-color:#00384C }
```

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

Here you see how a box with a 4 pixel #00384C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00384C; -webkit-box-shadow:4px 4px  
4px 4px #00384C; box-shadow:4px 4px 4px  
4px #00384C }
```

# Background

The CSS property to change the background color of an element to Decimal 14412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00384C }
```

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

```
.background{ background-color:#00384C }
```

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