

Converting Colors

Decimal(16712)

Have a look what the booklet for
Decimal(16712) contains.

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Color

Decimal(16712)

Conversions

Conversions Part 1

Format	Color
Hex	004148
RGB	0, 65, 72
RGB Percent	0%, 25%, 28%
CMY	1.0000, 0.7451, 0.7176
CMYK	1.00, 0.10, 0.00, 0.72
HSL	186°, 100%, 14%
HSV	186°, 100%, 28%
XYZ	3.0600, 4.2485, 6.7896
YIQ	46.3630, -40.9870, -11.6030

Conversions

Conversions Part 2

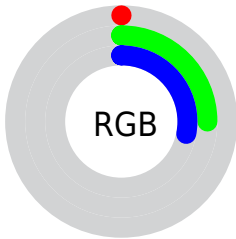
Format	Color
RYB	0, 34, 72
Decimal	16712
CIELab	24.48, -15.41, -9.52
CIELCh	24, 18.112, 211.720
Yxy	4.2485, 0.2170, 0.3014
Android (android.graphics.Color)	4278206792 (0xFF004148)
YUV	46.3630, 12.6390, -40.6604
Hunter-Lab	20.6118, -9.5709, -5.1022

Details

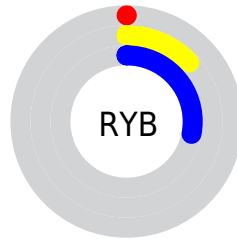
The Decimal color **16712** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4720384**, and the grayscale version is **3026478**.

A 20% lighter version of the original color is **3961208**, and **6173** is the 20% darker color. If you saturate the color by 10%, you get **16712**, and if you desaturate by 10%, it is **475720**.

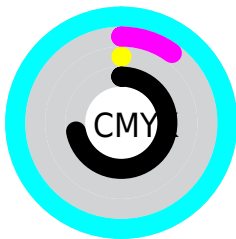
Distribution



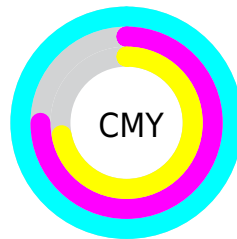
- Red (0%)
- Green (25%)
- Blue (28%)



- Red (0%)
- Yellow (13%)
- Blue (28%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (72%)




- Cyan (100%)
- Magenta (75%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16712 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 16712 by changing the saturation by 10% instead.

 16712  16712

 16580607  11058

 3961208  6173

 5671826  0

 7382445

 9158856

 10935524

 12777983

 14680063

 16712

■ 475720

■ 934472

■ 1459016

■ 1918024

■ 2377032

■ 2835784

■ 3294792

■ 3819336

■ 4278088

Harmonies

Analogous

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



1065274



16712



933714

Triad

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



16712



4993607



4340255

Complementary

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



16712



4720384

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.



5125410



16712



5517114

Square

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



16712



4011601



5517613



3423778

Rectangle

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



16712



2047317



5517613



4601887

Sweetspot

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



16712



4349022



18438



2043696



11579568



3158064

Same Dimension

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



16712



21854



7752



2106148



23139



52707

Inverse Universe

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



4718657



6160469



4729344



2367523



6488154



14876877

Previews

White Background



This preview shows how the Decimal color 16712 looks on a white background.

Color Contrast Check

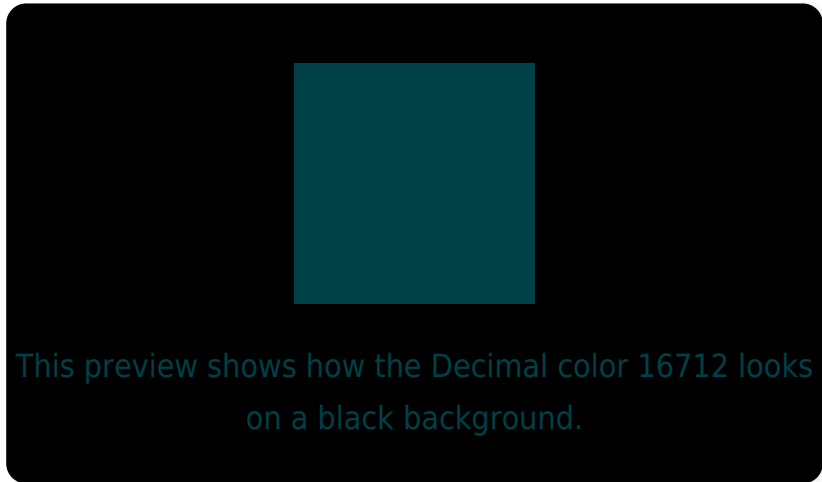
Large Text (above 18pt) WCAG AA ✓ Pass

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

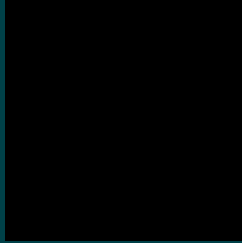
Any Text WCAG AA × Fail

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 16712 Background



This preview shows how black text looks on a background with the Decimal color 16712.

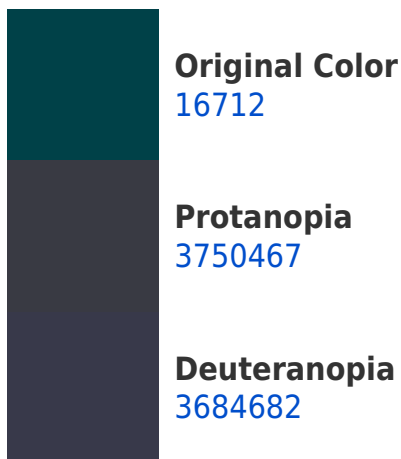


This preview shows how white text looks on a background with the Decimal color 16712.

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](#).

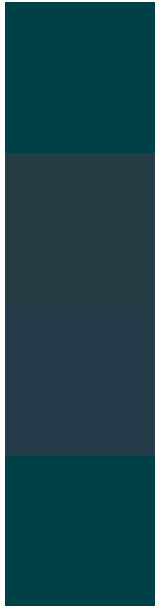
Dichromacy





Tritanopia
16710

Trichromacy



Original Color
16712

Protanomaly
2374981

Deuteranomaly
2374729

Tritanomaly
16711

Monochromacy



Original Color
16712

Achromatopsia
3026478

Achromatomaly
1914167

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16712 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 #004148 looks like.

```
.text, #text, p{  
    color:#004148  
}
```

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 #004148 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004148
}
```

Border

The CSS property to change the border of an element to Decimal 16712 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
#004148 }
```

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

```
.border{ border-color:#004148 }
```

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

Here you see how a box with a 4 pixel #004148 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004148; -webkit-box-shadow:4px 4px  
4px 4px #004148; box-shadow:4px 4px 4px  
4px #004148 }
```

Background

The CSS property to change the background color of an element to Decimal 16712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004148 }
```

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

```
.background{ background-color:#004148 }
```

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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