

Converting Colors

Decimal(18242)

Have a look what the booklet for
Decimal(18242) contains.

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Color

Decimal(18242)

Conversions

Conversions Part 1

Format	Color
Hex	004742
RGB	0, 71, 66
RGB Percent	0%, 28%, 26%
CMY	1.0000, 0.7216, 0.7412
CMYK	1.00, 0.00, 0.07, 0.72
HSL	176°, 100%, 14%
HSV	176°, 100%, 28%
XYZ	3.2366, 4.8998, 5.9294
YIQ	49.2010, -40.7110, -16.6070

Conversions

Conversions Part 2

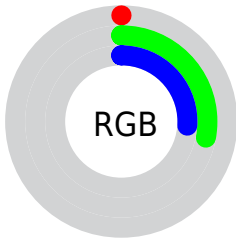
Format	Color
RYB	0, 37, 71
Decimal	18242
CIELab	26.45, -20.90, -2.62
CIELCh	26, 21.063, 187.153
Yxy	4.8998, 0.2301, 0.3483
Android (android.graphics.Color)	4278208322 (0xFF004742)
YUV	49.2010, 8.2819, -43.1493
Hunter-Lab	22.1355, -12.6374, -0.3871

Details

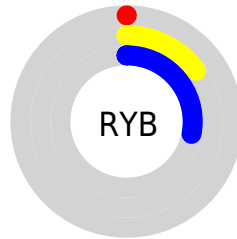
The Decimal color **18242** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4653061**, and the grayscale version is **3223857**.

A 20% lighter version of the original color is **4028530**, and **7447** is the 20% darker color. If you saturate the color by 10%, you get **18242**, and if you desaturate by 10%, it is **476995**.

Distribution



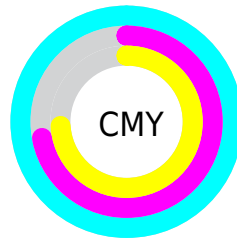
- Red (0%)
- Green (28%)
- Blue (26%)



- Red (0%)
- Yellow (15%)
- Blue (28%)



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (72%)



- Cyan (100%)
- Magenta (72%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 18242 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 18242 by changing the saturation by 10% instead.

■ 18242 ■ 18242

■ 16580607 ■ 12332

■ 4028530 ■ 7447

■ 5739147 ■ 0

■ 7449766

■ 9160897

■ 11003101

■ 12845049

■ 14680063

■ 18242

■ 476995

■ 935747

■ 1394500

■ 1853252

■ 2377541

■ 2836293

■ 3295046

■ 3753798

■ 4212551

Harmonies

Analogous

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



2049586



18242



18001

Triad

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



18242



4536664



5454113

Complementary

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



18242



4653061

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.



6042668



18242



5649483

Square

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



18242



2899806



6107707



4538142

Rectangle

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



18242



17753



6107707



5650212

Sweetspot

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



18242



4217946



411392



1912365



11382189



3026478

Same Dimension

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



18242



23637



10567



2106403



25436



58323

Inverse Universe

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



4653061



6029318



4660736



2367520



6488071



14876688

Previews

White Background



This preview shows how the Decimal color 18242 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

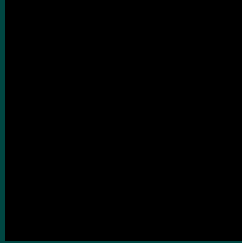
Any Text WCAG AA × Fail

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 18242 Background



This preview shows how black text looks on a background with the Decimal color 18242.

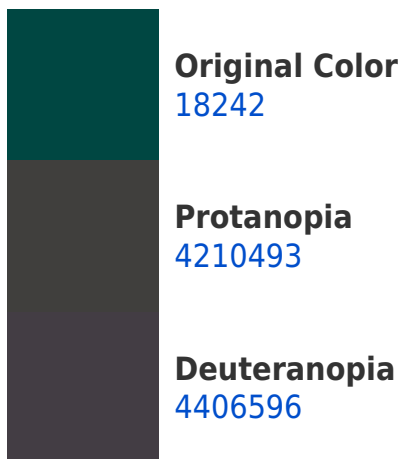


This preview shows how white text looks on a background with the Decimal color 18242.

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](#).

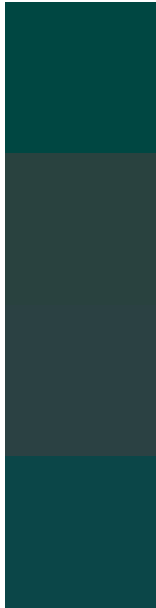
Dichromacy





Tritanopia
1132107

Trichromacy



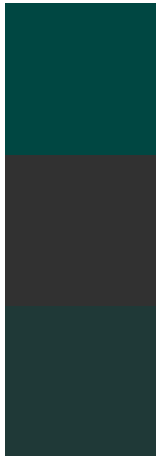
Original Color
18242

Protanomaly
2703935

Deuteranomaly
2834755

Tritanomaly
738888

Monochromacy



Original Color
18242

Achromatopsia
3223857

Achromatomaly
2046263

CSS Examples

Text

The CSS property to change the color of the text to Decimal 18242 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 #004742 looks like.

```
.text, #text, p{  
  color:#004742  
}
```

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 #004742 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004742
}
```

Border

The CSS property to change the border of an element to Decimal 18242 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".

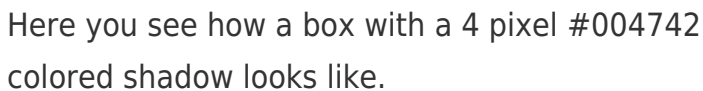
```
.border, #border, table{ border:4px solid
#004742 }
```

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

```
.border{ border-color:#004742 }
```

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

Here you see how a box with a 4 pixel #004742 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004742; -webkit-box-shadow:4px 4px  
4px 4px #004742; box-shadow:4px 4px 4px  
4px #004742 }
```

Background

The CSS property to change the background color of an element to Decimal 18242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004742 }
```

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

```
.background{ background-color:#004742 }
```

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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