

Converting Colors

Decimal(411463)

Have a look what the booklet for
Decimal(411463) contains.

Decimal(411463)	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(411463)

Conversions

Conversions Part 1

Format	Color
Hex	064747
RGB	6, 71, 71
RGB Percent	2%, 28%, 28%
CMY	0.9765, 0.7216, 0.7216
CMYK	0.92, 0.00, 0.00, 0.72
HSL	180°, 84%, 15%
HSV	180°, 92%, 28%
XYZ	3.4657, 5.0001, 6.7437
YIQ	51.5650, -38.7400, -13.7800

Conversions

Conversions Part 2

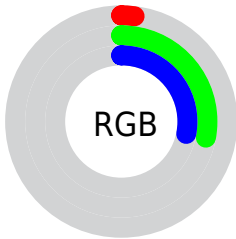
Format	Color
RYB	6, 39, 71
Decimal	411463
CIELab	26.74, -18.40, -5.45
CIELCh	27, 19.192, 196.494
Yxy	5.0001, 0.2279, 0.3288
Android (android.graphics.Color)	4278601543 (0xFF064747)
YUV	51.5650, 9.5815, -39.9605
Hunter-Lab	22.3610, -11.4664, -2.2282

Details

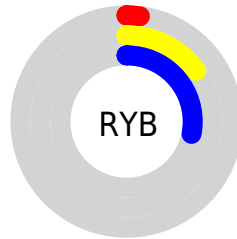
The Decimal color **411463** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4654598**, and the grayscale version is **3421236**.

A 20% lighter version of the original color is **4225143**, and **7452** is the 20% darker color. If you saturate the color by 10%, you get **18247**, and if you desaturate by 10%, it is **870215**.

Distribution



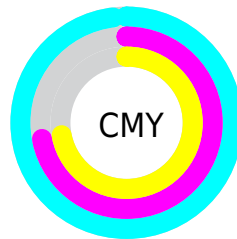
- Red (2%)
- Green (28%)
- Blue (28%)



- Red (2%)
- Yellow (15%)
- Blue (28%)



- Cyan (92%)
- Magenta (0%)
- Yellow (0%)
- Black (72%)



- Cyan (98%)
- Magenta (72%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 411463 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 411463 by changing the saturation by 10% instead.



411463



411463

16777215



12337



4225143



7452



5935761



0



7646379



9423047



11199715



13041663



14942207



411463



411463

■ 18247

■ 870215

■ 1328967

■ 1787719

■ 2246471

■ 2770759

■ 3229511

■ 3688263

■ 4147015

■ 4605767

Harmonies

Analogous

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



1918776



411463



149076

Triad

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



411463



4929619



5192739

Complementary

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



411463



4654598

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.



5781291



411463



5780806

Square

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



411463



3620443



6042680



4276515

Rectangle

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



411463



1328218



6042680



5388837

Sweetspot

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



411463



4414556



411398



2043438



11382189



3026478

Same Dimension

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



411463



23644



403271



2106404



25443



58339

Inverse Universe

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



4654663



6029404



4663046



2367524



6488163



14876899

Previews

White Background



This preview shows how the Decimal color 411463 looks on a white background.

Color Contrast Check

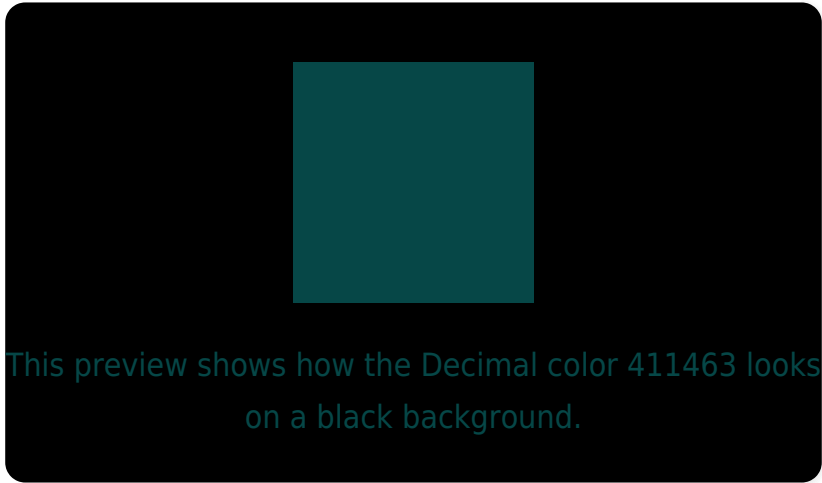
Large Text (above 18pt) WCAG AA ✓ Pass

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

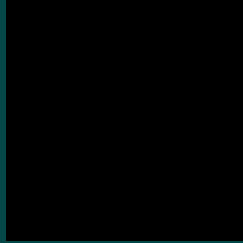
Any Text WCAG AA × Fail

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 411463 Background



This preview shows how black text looks on a background with the Decimal color 411463.



This preview shows how white text looks on a background with the Decimal color 411463.

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](#).

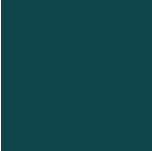
Dichromacy



Original Color
411463

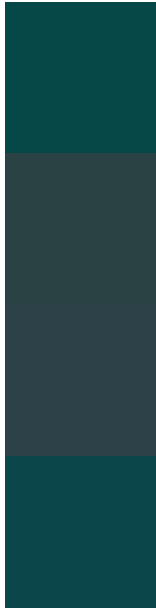
Protanopia
4210498

Deuteranopia
4275785



Tritanopia
935500

Trichromacy



Original Color
411463

Protanomaly
2835012

Deuteranomaly
2900296

Tritanomaly
738890

Monochromacy



Original Color
411463

Achromatopsia
3421236

Achromatomaly
2308923

CSS Examples

Text

The CSS property to change the color of the text to Decimal 411463 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 #064747 looks like.

```
.text, #text, p{  
    color:#064747  
}
```

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 #064747 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #064747
}
```

Border

The CSS property to change the border of an element to Decimal 411463 is called "border". The border property can be set on classes, ids or directly on the HTML element.

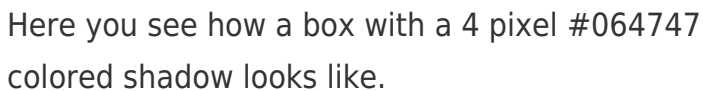
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#064747 }
```

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

```
.border{ border-color:#064747 }
```

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



Here you see how a box with a 4 pixel #064747 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #064747; -webkit-box-shadow:4px 4px  
4px 4px #064747; box-shadow:4px 4px 4px  
4px #064747 }
```

Background

The CSS property to change the background color of an element to Decimal 411463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#064747 }
```

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

```
.background{ background-color:#064747 }
```

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