

Converting Colors

Decimal(18741)

Have a look what the booklet for
Decimal(18741) contains.

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Color

Decimal(18741)

Conversions

Conversions Part 1

Format	Color
Hex	004935
RGB	0, 73, 53
RGB Percent	0%, 29%, 21%
CMY	1.0000, 0.7137, 0.7922
CMYK	1.00, 0.00, 0.27, 0.71
HSL	164°, 100%, 14%
HSV	164°, 100%, 29%
XYZ	3.0251, 5.0221, 4.1781
YIQ	48.8930, -37.0880, -21.6960

Conversions

Conversions Part 2

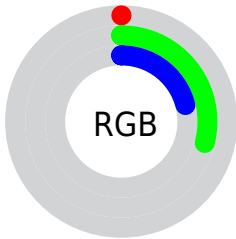
Format	Color
RYB	0, 42, 73
Decimal	18741
CIELab	26.80, -26.02, 6.33
CIELCh	27, 26.777, 166.324
Yxy	5.0221, 0.2474, 0.4108
Android (android.graphics.Color)	4278208821 (0xFF004935)
YUV	48.8930, 2.0248, -42.8792
Hunter-Lab	22.4101, -15.1219, 4.6332

Details

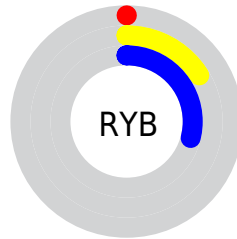
The Decimal color **18741** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4784148**, and the grayscale version is **3223857**.

A 20% lighter version of the original color is **3963492**, and **7944** is the 20% darker color. If you saturate the color by 10%, you get **18741**, and if you desaturate by 10%, it is **477495**.

Distribution



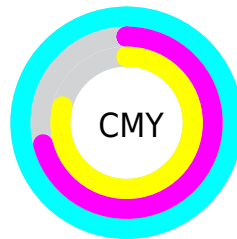
- Red (0%)
- Green (29%)
- Blue (21%)



- Red (0%)
- Yellow (16%)
- Blue (29%)



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (71%)



- Cyan (100%)
- Magenta (71%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 18741 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 18741 by changing the saturation by 10% instead.

 18741  18741

 16515071  12832

 3963492  7944

 5674108  0

 7384982

 9096113

 10938316

 12713961

 14614527

 18741

■ 477495

■ 1001785

■ 1460539

■ 1919293

■ 2443583

■ 2902337

■ 3361091

■ 3819845

■ 4344135

Harmonies

Analogous

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



2704930



18741



19018

Triad

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



18741



3227239



6304547

Complementary

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



18741



4784148

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.



6696501



18741



5191260

Square

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



18741



17511



6303562



5454615

Rectangle

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



18741



18775



6303562



6500648

Sweetspot

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



18741



4349527



1394944



2043948



11579568



3158064

Same Dimension

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



18741



24133



14665



2106403



25416



58277

Inverse Universe

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



4784148



6160410



4788224



2367521



6488091



14876734

Previews

White Background



This preview shows how the Decimal color 18741 looks on a white background.

Color Contrast Check

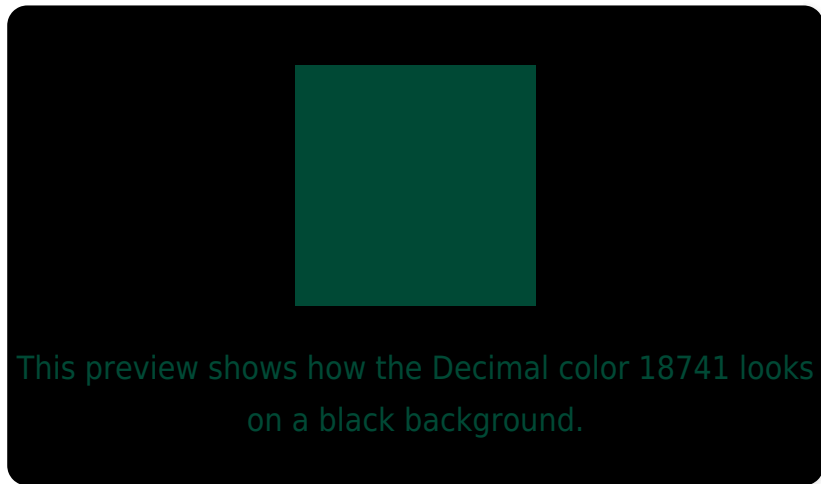
Large Text (above 18pt) WCAG AA ✓ Pass

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

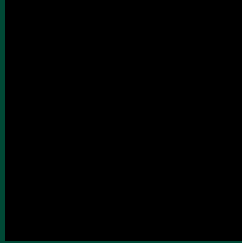
Any Text WCAG AA × Fail

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 18741 Background



This preview shows how black text looks on a background with the Decimal color 18741.

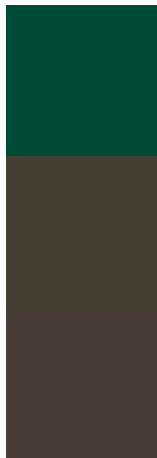


This preview shows how white text looks on a background with the Decimal color 18741.

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
18741

Protanopia
4472881

Deuteranopia
4799800



Tritanopia
1590860

Trichromacy



Original Color
18741

Protanomaly
2835250

Deuteranomaly
3031351

Tritanomaly
1001284

Monochromacy



Original Color
18741

Achromatopsia
3223857

Achromatomaly
2046514

CSS Examples

Text

The CSS property to change the color of the text to Decimal 18741 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 #004935 looks like.

```
.text, #text, p{  
    color:#004935  
}
```

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 #004935 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004935
}
```

Border

The CSS property to change the border of an element to Decimal 18741 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
#004935 }
```

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

```
.border{ border-color:#004935 }
```

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

Here you see how a box with a 4 pixel #004935 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004935; -webkit-box-shadow:4px 4px  
4px 4px #004935; box-shadow:4px 4px 4px  
4px #004935 }
```

Background

The CSS property to change the background color of an element to Decimal 18741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004935 }
```

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

```
.background{ background-color:#004935 }
```

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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