

Converting Colors

Decimal(19761)

Have a look what the booklet for
Decimal(19761) contains.

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Color

Decimal(19761)

Conversions

Conversions Part 1

Format	Color
Hex	004D31
RGB	0, 77, 49
RGB Percent	0%, 30%, 19%
CMY	1.0000, 0.6980, 0.8078
CMYK	1.00, 0.00, 0.36, 0.70
HSL	158°, 100%, 15%
HSV	158°, 100%, 30%
XYZ	3.2083, 5.5295, 3.8039
YIQ	50.7850, -36.9040, -25.0320

Conversions

Conversions Part 2

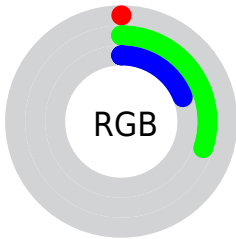
Format	Color
RYB	0, 47, 77
Decimal	19761
CIELab	28.19, -28.90, 10.81
CIELCh	28, 30.854, 159.484
Yxy	5.5295, 0.2558, 0.4409
Android (android.graphics.Color)	4278209841 (0xFF004D31)
YUV	50.7850, -0.8800, -44.5384
Hunter-Lab	23.5149, -16.7974, 6.8693

Details

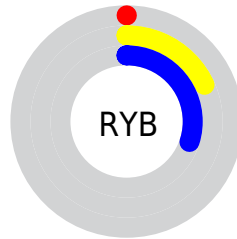
The Decimal color **19761** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5046300**, and the grayscale version is **3355443**.

A 20% lighter version of the original color is **4030303**, and **8450** is the 20% darker color. If you saturate the color by 10%, you get **19761**, and if you desaturate by 10%, it is **544052**.

Distribution



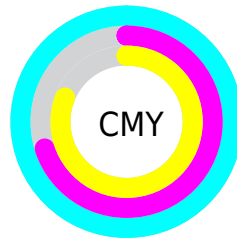
- Red (0%)
- Green (30%)
- Blue (19%)



- Red (0%)
- Yellow (18%)
- Blue (30%)



- Cyan (100%)
- Magenta (0%)
- Yellow (36%)
- Black (70%)



- Cyan (100%)
- Magenta (70%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 19761 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 19761 by changing the saturation by 10% instead.

■ 19761 ■ 19761

■ 16646143 ■ 13852

■ 4030303 ■ 8450

■ 5740920 ■ 0

■ 7451794

■ 9228460

■ 11005128

■ 12845028

■ 14745599

■ 19761

■ 544052

■ 1002807

■ 1527097

■ 2051388

■ 2575679

■ 3034434

■ 3558725

■ 4083015

■ 4541770

Harmonies

Analogous

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



3099164



19761



20042

Triad

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



19761



2311025



6959654

Complementary

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



19761



5046300

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.



7220540



19761



5126503

Square

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



19761



18799



6631508



6109973

Rectangle

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



19761



20057



6631508



7155757

Sweetspot

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



19761



4612953



1854720



2175788



11776947



3355443

Same Dimension

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



19761



25407



17229



2237989



26177



59026

Inverse Universe

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



5046300



6488100



5048832



2499108



6684709



15073363

Previews

White Background



This preview shows how the Decimal color 19761 looks on a white background.

Color Contrast Check

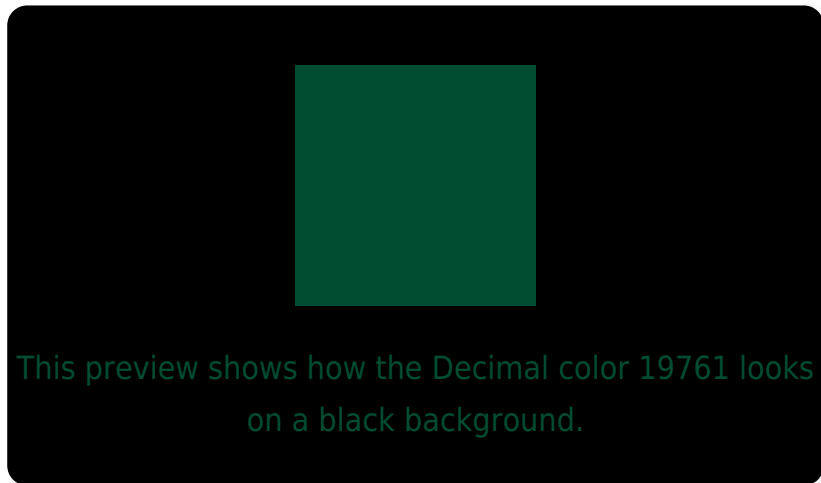
Large Text (above 18pt) WCAG AA ✓ Pass

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

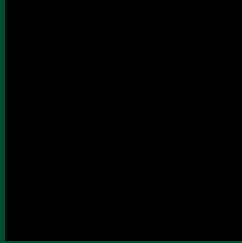
Any Text WCAG AA × Fail

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 19761 Background



This preview shows how black text looks on a background with the Decimal color 19761.



This preview shows how white text looks on a background with the Decimal color 19761.

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
19761

Protanopia
4735789

Deuteranopia
5128244

Trichromacy



Original Color
19761

Protanomaly
3032878

Deuteranomaly
3294515

Tritanomaly
1133124

Monochromacy



Original Color
19761

Achromatopsia
3355443

Achromatomaly
2112562

CSS Examples

Text

The CSS property to change the color of the text to Decimal 19761 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 #004D31 looks like.

```
.text, #text, p{  
    color:#004D31  
}
```

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 #004D31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004D31
}
```

Border

The CSS property to change the border of an element to Decimal 19761 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
#004D31 }
```

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

```
.border{ border-color:#004D31 }
```

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

Here you see how a box with a 4 pixel #004D31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004D31; -webkit-box-shadow:4px 4px  
4px 4px #004D31; box-shadow:4px 4px 4px  
4px #004D31 }
```

Background

The CSS property to change the background color of an element to Decimal 19761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004D31 }
```

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

```
.background{ background-color:#004D31 }
```

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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