

Converting Colors

Decimal(19527)

Have a look what the booklet for
Decimal(19527) contains.

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Color

Decimal(19527)

Conversions

Conversions Part 1

Format	Color
Hex	004C47
RGB	0, 76, 71
RGB Percent	0%, 30%, 28%
CMY	1.0000, 0.7020, 0.7216
CMYK	1.00, 0.00, 0.07, 0.70
HSL	176°, 100%, 15%
HSV	176°, 100%, 30%
XYZ	3.7218, 5.6238, 6.8506
YIQ	52.7060, -43.6910, -17.6670

Conversions

Conversions Part 2

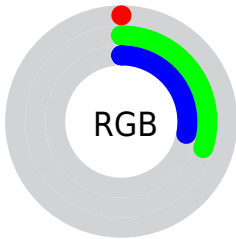
Format	Color
RYB	0, 39, 76
Decimal	19527
CIELab	28.44, -21.78, -2.92
CIELCh	28, 21.971, 187.639
Yxy	5.6238, 0.2298, 0.3472
Android (android.graphics.Color)	4278209607 (0xFF004C47)
YUV	52.7060, 9.0189, -46.2232
Hunter-Lab	23.7146, -13.4867, -0.5273

Details

The Decimal color **19527** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4980741**, and the grayscale version is **3487029**.

A 20% lighter version of the original color is **4160887**, and **8220** is the 20% darker color. If you saturate the color by 10%, you get **19527**, and if you desaturate by 10%, it is **543815**.

Distribution



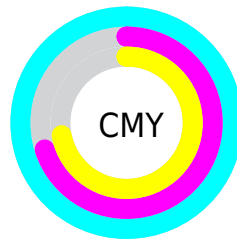
- Red (0%)
- Green (30%)
- Blue (28%)



- Red (0%)
- Yellow (15%)
- Blue (30%)



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (70%)



- Cyan (100%)
- Magenta (70%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 19527 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 19527 by changing the saturation by 10% instead.

 19527  19527

16777215  13617

 4160887  8220

 5871505  1

 7582379  0

 9359047

 11201251

 13041663

 14876671

 19527

■ 543815

■ 1002568

■ 1526857

■ 1985609

■ 2509898

■ 3034186

■ 3492939

■ 4017227

■ 4475980

Harmonies

Analogous

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



2247478



19527



19287

Triad

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



19527



4865374



5783076

Complementary

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



19527



4980741

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.



6436911



19527



6043728

Square

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



19527



3228516



6501695



4867105

Rectangle

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



19527



18783



6501695



6044711

Sweetspot

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



19527



4612961



347136



2175794



11776947



3355443

Same Dimension

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



19527



25437



11084



2237990



26207



59094

Inverse Universe

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



4980741



6488071



4989184



2499107



6684679



15073295

Previews

White Background



This preview shows how the Decimal color 19527 looks on a white background.

Color Contrast Check

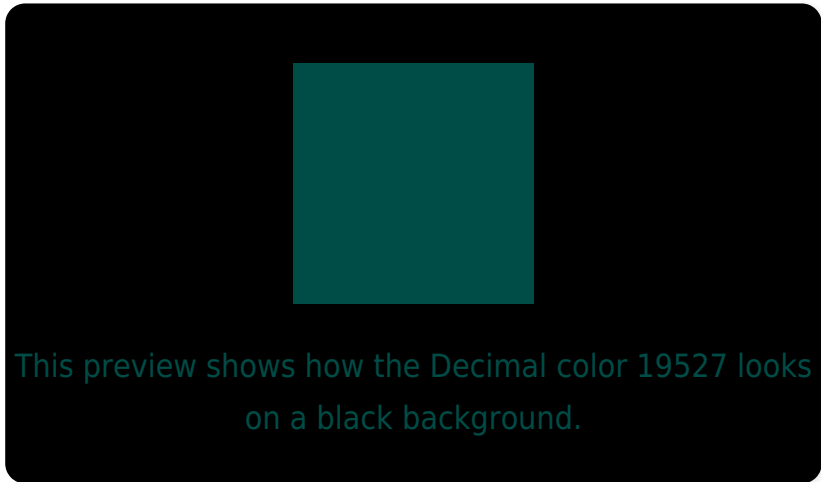
Large Text (above 18pt) WCAG AA ✓ Pass

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

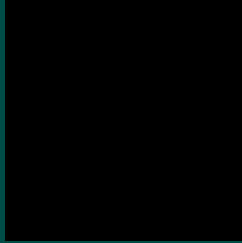
Any Text WCAG AA × Fail

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 19527 Background



This preview shows how black text looks on a background with the Decimal color 19527.

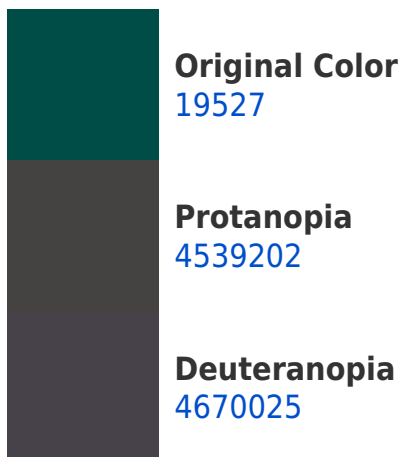


This preview shows how white text looks on a background with the Decimal color 19527.

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](#).

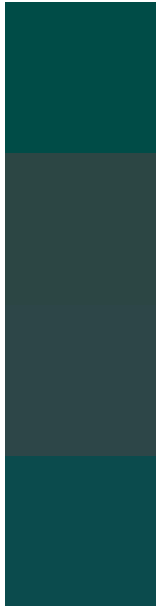
Dichromacy





Tritanopia
1198929

Trichromacy



Original Color
19527

Protanomaly
2901572

Deuteranomaly
2967112

Tritanomaly
740173

Monochromacy



Original Color
19527

Achromatopsia
3487029

Achromatomaly
2243900

CSS Examples

Text

The CSS property to change the color of the text to Decimal 19527 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 #004C47 looks like.

```
.text, #text, p{  
  color:#004C47  
}
```

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 #004C47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004C47
}
```

Border

The CSS property to change the border of an element to Decimal 19527 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
#004C47 }
```

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

```
.border{ border-color:#004C47 }
```

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

Here you see how a box with a 4 pixel #004C47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004C47; -webkit-box-shadow:4px 4px  
4px 4px #004C47; box-shadow:4px 4px 4px  
4px #004C47 }
```

Background

The CSS property to change the background color of an element to Decimal 19527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004C47 }
```

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

```
.background{ background-color:#004C47 }
```

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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