

Converting Colors

Decimal(10021)

Have a look what the booklet for
Decimal(10021) contains.

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Color

Decimal(10021)

Conversions

Conversions Part 1

Format	Color
Hex	002725
RGB	0, 39, 37
RGB Percent	0%, 15%, 15%
CMY	1.0000, 0.8471, 0.8549
CMYK	1.00, 0.00, 0.05, 0.85
HSL	177°, 100%, 8%
HSV	177°, 100%, 15%
XYZ	1.0594, 1.5846, 2.0003
YIQ	27.1110, -22.6020, -8.8900

Conversions

Conversions Part 2

Format	Color
RYB	0, 20, 39
Decimal	10021
CIELab	13.14, -13.90, -2.54
CIELCh	13, 14.126, 190.349
Yxy	1.5846, 0.2281, 0.3412
Android (android.graphics.Color)	4278200101 (0xFF002725)
YUV	27.1110, 4.8753, -23.7763
Hunter-Lab	12.5881, -7.0062, -0.6096

Details

The Decimal color **10021** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2555906**, and the grayscale version is **1776411**.

A 20% lighter version of the original color is **3167314**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **10021**, and if you desaturate by 10%, it is **272165**.

Distribution



- Red (0%)
- Green (15%)
- Blue (15%)



- Red (0%)
- Yellow (8%)
- Blue (15%)



- Cyan (100%)
- Magenta (0%)
- Yellow (5%)
- Black (85%)



- Cyan (100%)
- Magenta (85%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10021 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 10021 by changing the saturation by 10% instead.



10021



10021



15204351



4880



3167314



0



4681066



6325891



8036509



9747384



11524051



13300720



10021

■ 272165

■ 534309

■ 796454

■ 1058598

■ 1320742

■ 1517350

■ 1779494

■ 2041639

■ 2303783

Harmonies

Analogous

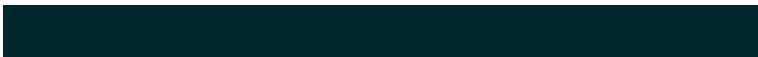
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



861723



10021



9774

Triad

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



10021



2563633



3022607

Complementary

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



10021



2555906

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.



3349526



10021



3218217

Square

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



10021



1647157



3480095



2433549

Rectangle

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



10021



75059



3480095



3153425

Sweetspot

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



10021



2372402



206592



1055257



10066329



1710618

Same Dimension

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



10021



13104



5671



1184788



21584



54473

Inverse Universe

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



2555906



3342339



2560256



1315346



5505028



13893643

Previews

White Background



This preview shows how the Decimal color 10021 looks on a white background.

Color Contrast Check

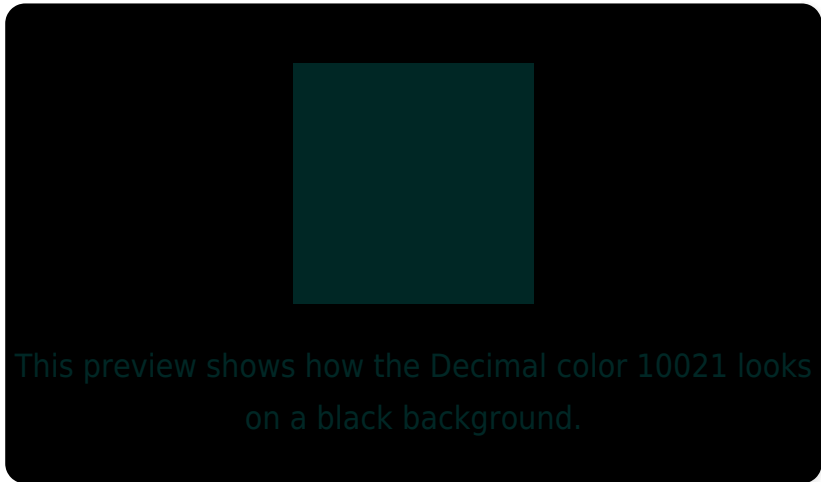
Large Text (above 18pt) WCAG AA ✓ Pass

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

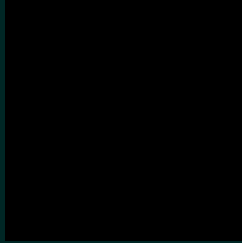
Any Text WCAG AA × Fail

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 10021 Background



This preview shows how black text looks on a background with the Decimal color 10021.



This preview shows how white text looks on a background with the Decimal color 10021.

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
10021

Protanopia
2302498

Deuteranopia
2368038



Tritanopia
599593

Trichromacy



Original Color
10021

Protanomaly
1451043

Deuteranomaly
1516582

Tritanomaly
402984

Monochromacy



Original Color
10021

Achromatopsia
1776411

Achromatomaly
1122079

CSS Examples

Text

The CSS property to change the color of the text to Decimal 10021 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 #002725 looks like.

```
.text, #text, p{  
    color:#002725  
}
```

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 #002725 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002725
}
```

Border

The CSS property to change the border of an element to Decimal 10021 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
#002725 }
```

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

```
.border{ border-color:#002725 }
```

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

Here you see how a box with a 4 pixel #002725 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002725; -webkit-box-shadow:4px 4px  
4px 4px #002725; box-shadow:4px 4px 4px  
4px #002725 }
```

Background

The CSS property to change the background color of an element to Decimal 10021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002725 }
```

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

```
.background{ background-color:#002725 }
```

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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