

Converting Colors

Decimal(18181)

Have a look what the booklet for
Decimal(18181) contains.

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Color

Decimal(18181)

Conversions

Conversions Part 1

Format	Color
Hex	004705
RGB	0, 71, 5
RGB Percent	0%, 28%, 2%
CMY	1.0000, 0.7216, 0.9804
CMYK	1.00, 0.00, 0.93, 0.72
HSL	124°, 100%, 14%
HSV	124°, 100%, 28%
XYZ	2.2806, 4.5174, 0.8953
YIQ	42.2470, -21.1300, -35.5780

Conversions

Conversions Part 2

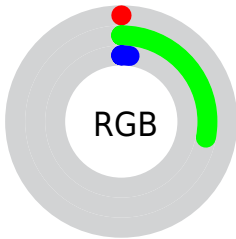
Format	Color
RYB	0, 66, 71
Decimal	18181
CIELab	25.31, -33.86, 30.84
CIELCh	25, 45.797, 137.675
Yxy	4.5174, 0.2964, 0.5872
Android (android.graphics.Color)	4278208261 (0xFF004705)
YUV	42.2470, -18.3628, -37.0506
Hunter-Lab	21.2543, -18.0415, 12.3804

Details

The Decimal color **18181** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4653122**, and the grayscale version is **2763306**.

A 20% lighter version of the original color is **4028469**, and **6912** is the 20% darker color. If you saturate the color by 10%, you get **18181**, and if you desaturate by 10%, it is **476940**.

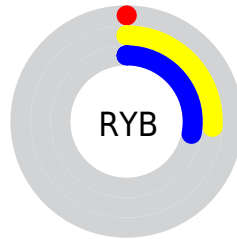
Distribution



Red (0%)

Green (28%)

Blue (2%)



Red (0%)

Yellow (26%)

Blue (28%)

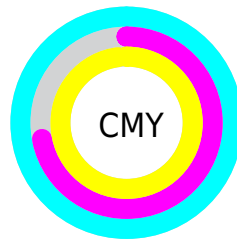


Cyan (100%)

Magenta (0%)

Yellow (93%)

Black (72%)



Cyan (100%)

Magenta (72%)

Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Decimal color 18181 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 18181 by changing the saturation by 10% instead.

 18181  18181

 16580589  12288

 4028469  6912

 5673549  0

 7449957

 9161087

 11003289

 12844980

 14680016

 18181

■ 476940

■ 935698

■ 1394457

■ 1853215

■ 2377510

■ 2836269

■ 3295027

■ 3753786

■ 4212544

Harmonies

Analogous

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



3686656



18181



18988

Triad

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



18181



17536



7868713

Complementary

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



18181



4653122

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.



7475788



18181



473471

Square

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



18181



19055



5646187



7152646

Rectangle

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



18181



19268



5646187



7867701

Sweetspot

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



18181



4217922



4343552



1912351



11382189



3026478

Same Dimension

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



18181



23558



18216



2106400



25351



58128

Inverse Universe

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



4653122



6029397



4653087



2367523



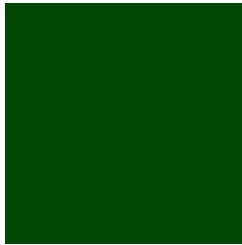
6488156



14876883

Previews

White Background



This preview shows how the Decimal color 18181 looks on a white background.

Color Contrast Check

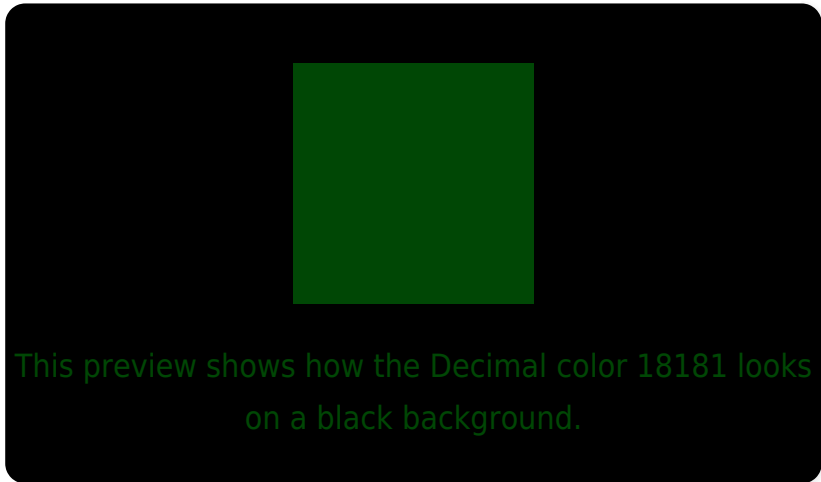
Large Text (above 18pt) WCAG AA ✓ Pass

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

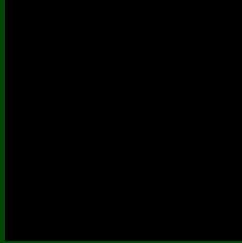
Any Text WCAG AA × Fail

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 18181 Background



This preview shows how black text looks on a background with the Decimal color 18181.



This preview shows how white text looks on a background with the Decimal color 18181.

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
18181

Protanopia
4472064

Deuteranopia
4995600



Tritanopia
1983047

Trichromacy



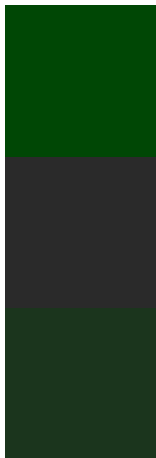
Original Color
18181

Protanomaly
2834690

Deuteranomaly
3161868

Tritanomaly
1262639

Monochromacy



Original Color
18181

Achromatopsia
2763306

Achromatomaly
1783069

CSS Examples

Text

The CSS property to change the color of the text to Decimal 18181 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 #004705 looks like.

```
.text, #text, p{  
    color:#004705  
}
```

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 #004705 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004705
}
```

Border

The CSS property to change the border of an element to Decimal 18181 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
#004705 }
```

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

```
.border{ border-color:#004705 }
```

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

Here you see how a box with a 4 pixel #004705 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004705; -webkit-box-shadow:4px 4px  
4px 4px #004705; box-shadow:4px 4px 4px  
4px #004705 }
```

Background

The CSS property to change the background color of an element to Decimal 18181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004705 }
```

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

```
.background{ background-color:#004705 }
```

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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