

Converting Colors

Decimal(17681)

Have a look what the booklet for
Decimal(17681) contains.

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Color

Decimal(17681)

Conversions

Conversions Part 1

Format	Color
Hex	004511
RGB	0, 69, 17
RGB Percent	0%, 27%, 7%
CMY	1.0000, 0.7294, 0.9333
CMYK	1.00, 0.00, 0.75, 0.73
HSL	135°, 100%, 14%
HSV	135°, 100%, 27%
XYZ	2.2293, 4.2967, 1.2422
YIQ	42.4410, -24.4320, -30.8000

Conversions

Conversions Part 2

Format	Color
RYB	0, 55, 69
Decimal	17681
CIELab	24.63, -32.00, 25.03
CIELCh	25, 40.625, 141.972
Yxy	4.2967, 0.2870, 0.5531
Android (android.graphics.Color)	4278207761 (0xFF004511)
YUV	42.4410, -12.5424, -37.2208
Hunter-Lab	20.7285, -17.0777, 10.9570

Details

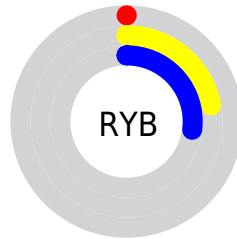
The Decimal color **17681** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4522036**, and the grayscale version is **2829099**.

A 20% lighter version of the original color is **3896894**, and **6400** is the 20% darker color. If you saturate the color by 10%, you get **17681**, and if you desaturate by 10%, it is **476438**.

Distribution



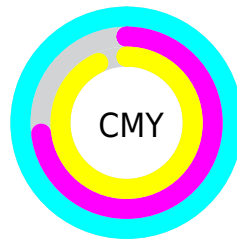
- Red (0%)
- Green (27%)
- Blue (7%)



- Red (0%)
- Yellow (22%)
- Blue (27%)



- Cyan (100%)
- Magenta (0%)
- Yellow (75%)
- Black (73%)



- Cyan (100%)
- Magenta (73%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 17681 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 17681 by changing the saturation by 10% instead.

 17681  17681

 16383991  11776

 3896894  6400

 5607510  0

 7252847

 9029256

 10806179

 12648382

 14483418

 17681

■ 476438

■ 935195

■ 1393953

■ 1852710

■ 2311467

■ 2704688

■ 3163445

■ 3622203

■ 4080960

Harmonies

Analogous

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



3358720



17681



18481

Triad

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



17681



16760



7281190

Complementary

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



17681



4522036

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.



7084356



17681



2504308

Square

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



17681



18026



5711713



6564104

Rectangle

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



17681



18502



5711713



7345968

Sweetspot

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



17681



4086085



3491072



1912353



11382189



3026478

Same Dimension

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



17681



22806



17715



2106401



25369



58168

Inverse Universe

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



4522036



5832771



4522002



2367523



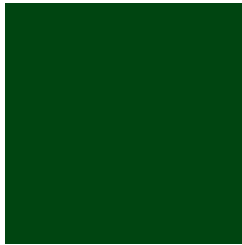
6488139



14876843

Previews

White Background



This preview shows how the Decimal color 17681 looks on a white background.

Color Contrast Check

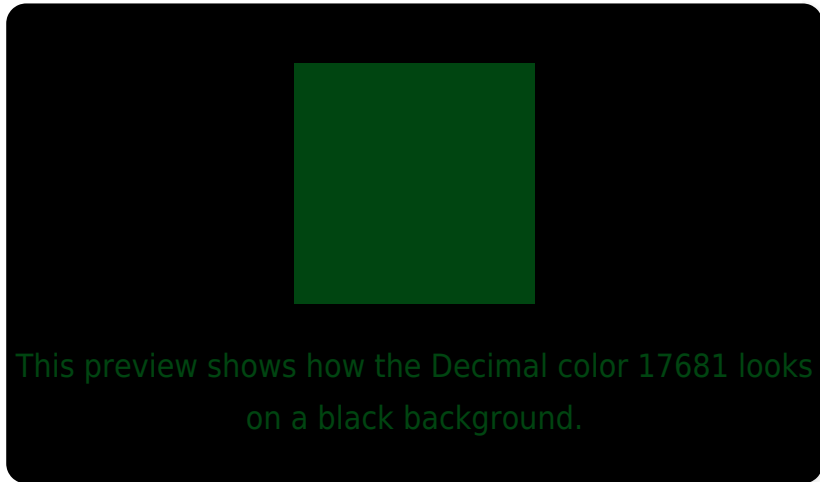
Large Text (above 18pt) WCAG AA ✓ Pass

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

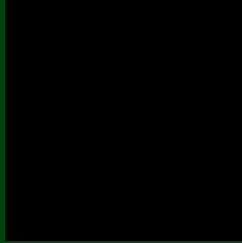
Any Text WCAG AA × Fail

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 17681 Background



This preview shows how black text looks on a background with the Decimal color 17681.



This preview shows how white text looks on a background with the Decimal color 17681.

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](#).

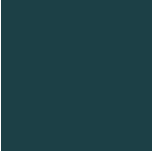
Dichromacy



Original Color
17681

Protanopia
4340494

Deuteranopia
4864022



Tritanopia
1851462

Trichromacy



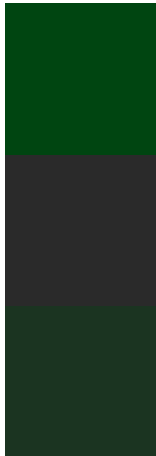
Original Color
17681

Protanomaly
2768655

Deuteranomaly
3095828

Tritanomaly
1196595

Monochromacy



Original Color
17681

Achromatopsia
2763306

Achromatomaly
1782817

CSS Examples

Text

The CSS property to change the color of the text to Decimal 17681 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 #004511 looks like.

```
.text, #text, p{  
  color:#004511  
}
```

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 #004511 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004511
}
```

Border

The CSS property to change the border of an element to Decimal 17681 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
#004511 }
```

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

```
.border{ border-color:#004511 }
```

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

Here you see how a box with a 4 pixel #004511 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004511; -webkit-box-shadow:4px 4px  
4px 4px #004511; box-shadow:4px 4px 4px  
4px #004511 }
```

Background

The CSS property to change the background color of an element to Decimal 17681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004511 }
```

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

```
.background{ background-color:#004511 }
```

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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