

Converting Colors

Decimal(17682)

Have a look what the booklet for
Decimal(17682) contains.

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Color

Decimal(17682)

Conversions

Conversions Part 1

Format	Color
Hex	004512
RGB	0, 69, 18
RGB Percent	0%, 27%, 7%
CMY	1.0000, 0.7294, 0.9294
CMYK	1.00, 0.00, 0.74, 0.73
HSL	136°, 100%, 14%
HSV	136°, 100%, 27%
XYZ	2.2373, 4.2999, 1.2843
YIQ	42.5550, -24.7530, -30.4890

Conversions

Conversions Part 2

Format	Color
RYB	0, 55, 69
Decimal	17682
CIELab	24.64, -31.87, 24.54
CIELCh	25, 40.226, 142.406
Yxy	4.2999, 0.2860, 0.5498
Android (android.graphics.Color)	4278207762 (0xFF004512)
YUV	42.5550, -12.1056, -37.3207
Hunter-Lab	20.7362, -17.0294, 10.8432

Details

The Decimal color **17682** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4522035**, and the grayscale version is **2829099**.

A 20% lighter version of the original color is **3896895**, and **6400** is the 20% darker color. If you saturate the color by 10%, you get **17682**, and if you desaturate by 10%, it is **476439**.

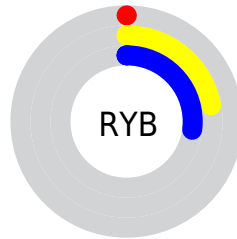
Distribution



Red (0%)

Green (27%)

Blue (7%)



Red (0%)

Yellow (22%)

Blue (27%)

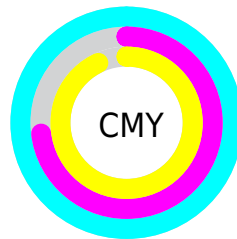


Cyan (100%)

Magenta (0%)

Yellow (74%)

Black (73%)



Cyan (100%)

Magenta (73%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 17682 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 17682 by changing the saturation by 10% instead.

 17682  17682

 16383992  11776

 3896895  6400

 5541975  0

 7252848

 9029257

 10806180

 12648383

 14483419

 17682

■ 476439

■ 935196

■ 1393953

■ 1852710

■ 2311467

■ 2704689

■ 3163446

■ 3622203

■ 4080960

Harmonies

Analogous

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



3358720



17682



18482

Triad

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



17682



16759



7281445

Complementary

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



17682



4522035

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



17682



2569843

Square

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



17682



18026



5711712



6564104

Rectangle

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



17682



18503



5711712



7346223

Sweetspot

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



17682



4086085



3425536



1912354



11382189



3026478

Same Dimension

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



17682



22807



17716



2106401



25370



58171

Inverse Universe

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



4522035



5832770



4522001



2367523



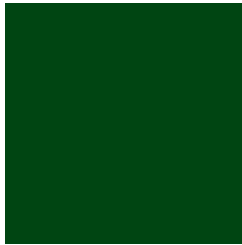
6488138



14876840

Previews

White Background



This preview shows how the Decimal color 17682 looks on a white background.

Color Contrast Check

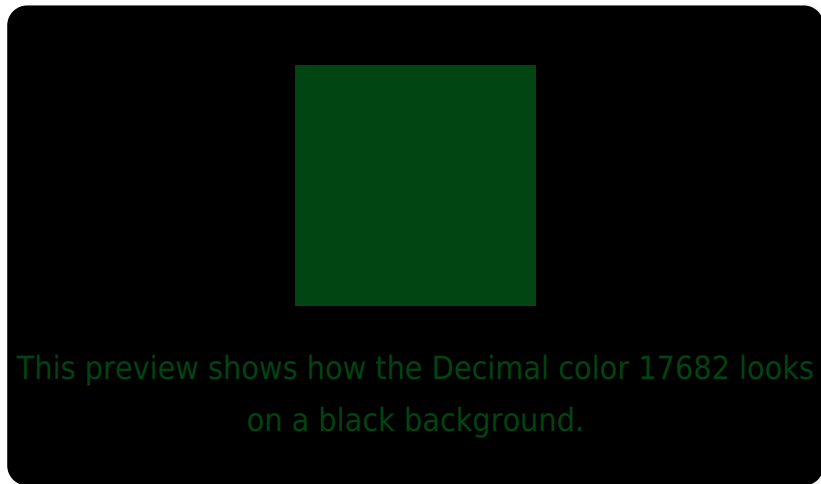
Large Text (above 18pt) WCAG AA ✓ Pass

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

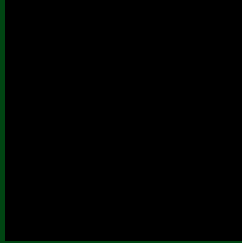
Any Text WCAG AA × Fail

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 17682 Background



This preview shows how black text looks on a background with the Decimal color 17682.



This preview shows how white text looks on a background with the Decimal color 17682.

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](#).

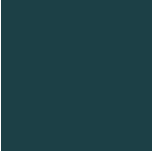
Dichromacy



Original Color
17682

Protanopia
4340495

Deuteranopia
4864023



Tritanopia
1851462

Trichromacy



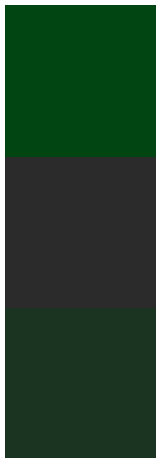
Original Color
17682

Protanomaly
2768656

Deuteranomaly
3095829

Tritanomaly
1196595

Monochromacy



Original Color
17682

Achromatopsia
2829099

Achromatomaly
1782818

CSS Examples

Text

The CSS property to change the color of the text to Decimal 17682 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 #004512 looks like.

```
.text, #text, p{  
    color:#004512  
}
```

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 #004512 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004512
}
```

Border

The CSS property to change the border of an element to Decimal 17682 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".

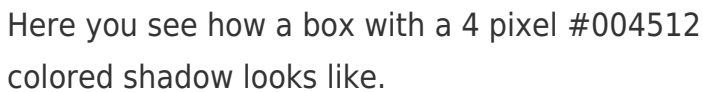
```
.border, #border, table{ border:4px solid
#004512 }
```

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

```
.border{ border-color:#004512 }
```

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

Here you see how a box with a 4 pixel #004512 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004512; -webkit-box-shadow:4px 4px  
4px 4px #004512; box-shadow:4px 4px 4px  
4px #004512 }
```

Background

The CSS property to change the background color of an element to Decimal 17682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004512 }
```

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

```
.background{ background-color:#004512 }
```

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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