

Converting Colors

Decimal(18458)

Have a look what the booklet for
Decimal(18458) contains.

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Color

Decimal(18458)

Conversions

Conversions Part 1

Format	Color
Hex	00481A
RGB	0, 72, 26
RGB Percent	0%, 28%, 10%
CMY	1.0000, 0.7176, 0.8980
CMYK	1.00, 0.00, 0.64, 0.72
HSL	142°, 100%, 14%
HSV	142°, 100%, 28%
XYZ	2.5038, 4.7093, 1.7543
YIQ	45.2280, -28.1460, -29.5700

Conversions

Conversions Part 2

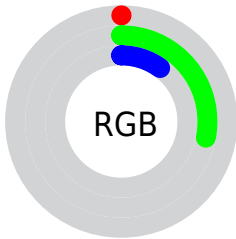
Format	Color
RYB	0, 53, 72
Decimal	18458
CIELab	25.89, -31.79, 21.71
CIELCh	26, 38.494, 145.667
Yxy	4.7093, 0.2792, 0.5252
Android (android.graphics.Color)	4278208538 (0xFF00481A)
YUV	45.2280, -9.4794, -39.6650
Hunter-Lab	21.7009, -17.3816, 10.3977

Details

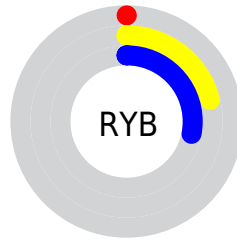
The Decimal color **18458** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4718638**, and the grayscale version is **2960685**.

A 20% lighter version of the original color is **3963207**, and **7424** is the 20% darker color. If you saturate the color by 10%, you get **18458**, and if you desaturate by 10%, it is **477215**.

Distribution



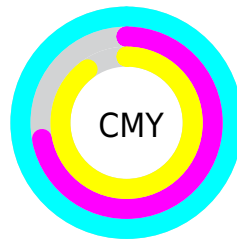
- Red (0%)
- Green (28%)
- Blue (10%)



- Red (0%)
- Yellow (21%)
- Blue (28%)



- Cyan (100%)
- Magenta (0%)
- Yellow (64%)
- Black (72%)



- Cyan (100%)
- Magenta (72%)
- Yellow (90%)


Brightness & Saturation Gradients

These gradients show how the Decimal color 18458 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 18458 by changing the saturation by 10% instead.

 18458  18458

 16449535  12546

 3963207  7424

 5608543  0

 7319160

 9095826

 10872493

 12713928

 14548964

 18458

■ 477215

■ 935971

■ 1460264

■ 1919020

■ 2377777

■ 2836534

■ 3295290

■ 3819583

■ 4278339

Harmonies

Analogous

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



3359488



18458



19000

Triad

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



18458



17016



7348774

Complementary

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



18458



4718638

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.



7282499



18458



3422066

Square

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



18458



18541



6039903



6565387

Rectangle

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



18458



19276



6039903



7413551

Sweetspot

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



18458



4349516



3098624



2043941



11579568



3158064

Same Dimension

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



18458



24098



18493



2106401



25380



58194

Inverse Universe

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



4718638



6160444



4718603



2367522



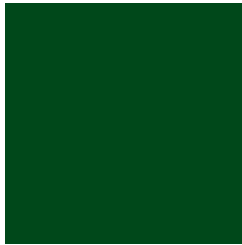
6488128



14876817

Previews

White Background



This preview shows how the Decimal color 18458 looks on a white background.

Color Contrast Check

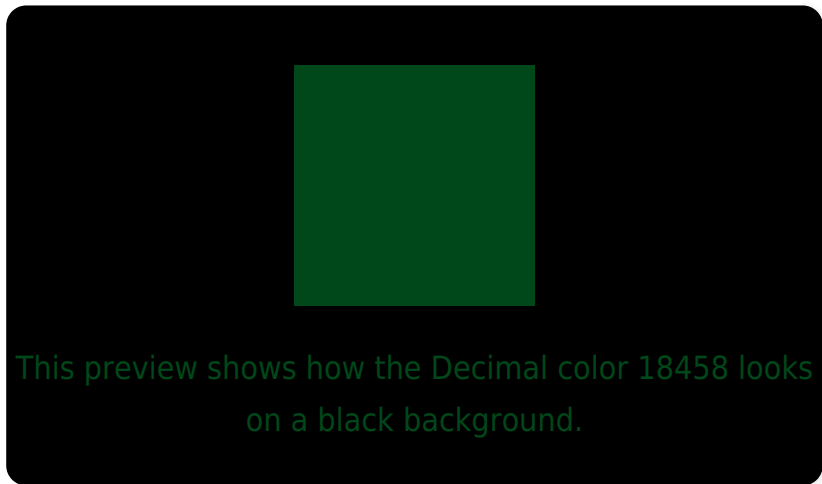
Large Text (above 18pt) WCAG AA ✓ Pass

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

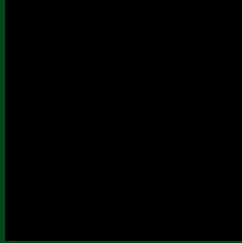
Any Text WCAG AA × Fail

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 18458 Background



This preview shows how black text looks on a background with the Decimal color 18458.



This preview shows how white text looks on a background with the Decimal color 18458.

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](#).

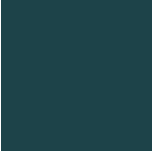
Dichromacy



Original Color
18458

Protanopia
4537879

Deuteranopia
4995870



Tritanopia
1917769

Trichromacy



Original Color
18458

Protanomaly
2900504

Deuteranomaly
3162141

Tritanomaly
1197368

Monochromacy



Original Color
18458

Achromatopsia
2960685

Achromatomaly
1914662

CSS Examples

Text

The CSS property to change the color of the text to Decimal 18458 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 #00481A looks like.

```
.text, #text, p{  
    color:#00481A  
}
```

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 #00481A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00481A
}
```

Border

The CSS property to change the border of an element to Decimal 18458 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".

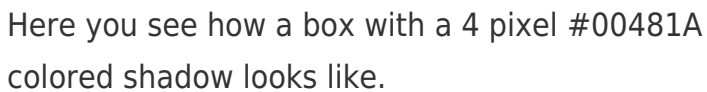
```
.border, #border, table{ border:4px solid
#00481A }
```

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

```
.border{ border-color:#00481A }
```

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

Here you see how a box with a 4 pixel #00481A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00481A; -webkit-box-shadow:4px 4px  
4px 4px #00481A; box-shadow:4px 4px 4px  
4px #00481A }
```

Background

The CSS property to change the background color of an element to Decimal 18458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00481A }
```

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

```
.background{ background-color:#00481A }
```

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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