

Converting Colors

Decimal(800019)

Have a look what the booklet for
Decimal(800019) contains.

Decimal(800019)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(800019)

Conversions

Conversions Part 1

Format	Color
Hex	0C3513
RGB	12, 53, 19
RGB Percent	5%, 21%, 7%
CMY	0.9529, 0.7922, 0.9255
CMYK	0.77, 0.00, 0.64, 0.79
HSL	130°, 63%, 13%
HSV	130°, 77%, 21%
XYZ	1.5423, 2.6714, 1.0504
YIQ	36.8650, -13.5220, -19.2660

Conversions

Conversions Part 2

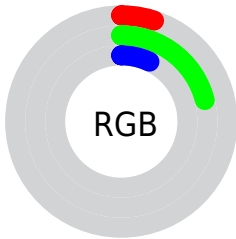
Format	Color
R_{YB}	12, 47, 53
Decimal	800019
CIE _{Lab}	18.68, -22.88, 17.21
CIE _{LCh}	19, 28.635, 143.054
Yxy	2.6714, 0.2930, 0.5075
Android (android.graphics.Color)	4278990099 (0xFF0C3513)
YUV	36.8650, -8.8074, -21.8066
Hunter-Lab	16.3444, -11.7593, 7.6305

Details

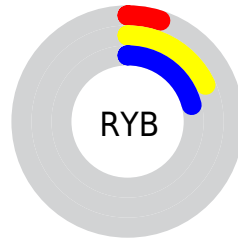
The Decimal color **800019** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3476526**, and the grayscale version is **2434341**.

A 20% lighter version of the original color is **3957822**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **472335**, and if you desaturate by 10%, it is **1127703**.

Distribution



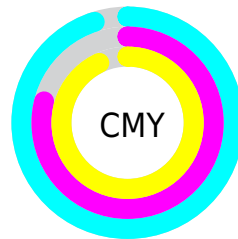
- Red (5%)
- Green (21%)
- Blue (7%)



- Red (5%)
- Yellow (18%)
- Blue (21%)



- Cyan (77%)
- Magenta (0%)
- Yellow (64%)
- Black (79%)



- Cyan (95%)
- Magenta (79%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 800019 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 800019 by changing the saturation by 10% instead.



800019



800019



16187381



8192



3957822



0



5537110



7182190



8893064



10669730



12446397



14286809



800019



800019

■ 472335

■ 1127703

■ 79114

■ 1520924

■ 13577

■ 1848608

■ 2176293

■ 2569513

■ 2897197

■ 3224882

■ 3552566

■ 3945787

Harmonies

Analogous

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



2699520



800019



14120

Triad

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



800019



12631



5380895

Complementary

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



800019



3476526

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.



5249587



800019



2370132

Square

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



800019



13902



4333895



4923915

Rectangle

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



800019



14134



4333895



5445925

Sweetspot

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



800019



3491128



3028236



1713179



10724259



2368548

Same Dimension

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



800019



345360



800039



1514007



22799



55589

Inverse Universe

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



3476526



4523322



3476506



1709849



5832778



14221492

Previews

White Background



This preview shows how the Decimal color 800019 looks on a white background.

Color Contrast Check

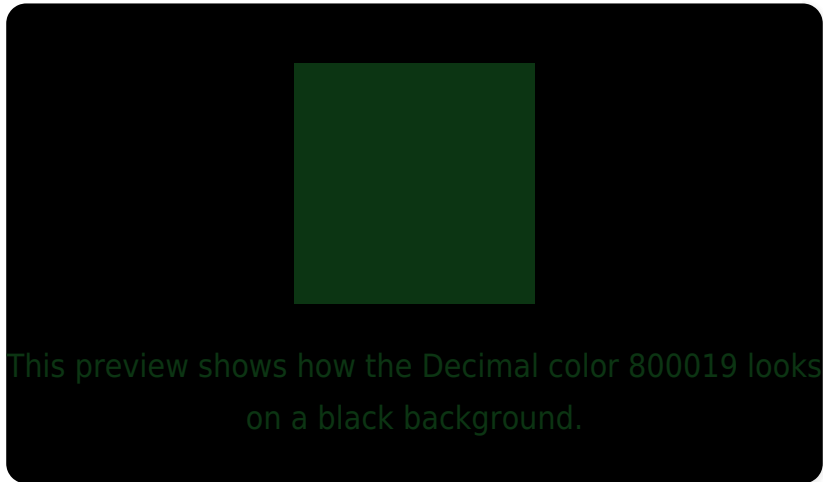
Large Text (above 18pt) WCAG AA ✓ Pass

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

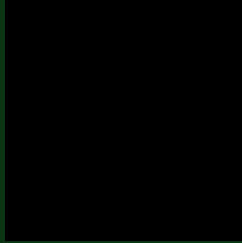
Any Text WCAG AA × Fail

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 800019 Background



This preview shows how black text looks on a background with the Decimal color 800019.



This preview shows how white text looks on a background with the Decimal color 800019.

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](#).

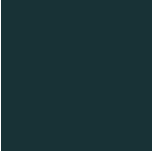
Dichromacy



Original Color
800019

Protanopia
3354129

Deuteranopia
3681302



Tritanopia
1585718

Trichromacy



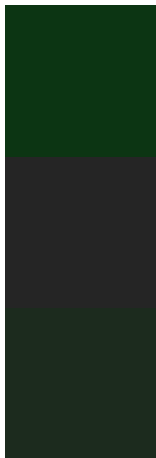
Original Color
800019

Protanomaly
2437394

Deuteranomaly
2633493

Tritanomaly
1323817

Monochromacy



Original Color
800019

Achromatopsia
2434341

Achromatomaly
1846046

CSS Examples

Text

The CSS property to change the color of the text to Decimal 800019 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 #0C3513 looks like.

```
.text, #text, p{  
    color:#0C3513  
}
```

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 #0C3513 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C3513
}
```

Border

The CSS property to change the border of an element to Decimal 800019 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
#0C3513 }
```

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

```
.border{ border-color:#0C3513 }
```

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

Here you see how a box with a 4 pixel #0C3513 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C3513; -webkit-box-shadow:4px 4px  
4px 4px #0C3513; box-shadow:4px 4px 4px  
4px #0C3513 }
```

Background

The CSS property to change the background color of an element to Decimal 800019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C3513 }
```

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

```
.background{ background-color:#0C3513 }
```

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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