

# Converting Colors

Decimal(15916)

Have a look what the booklet for  
Decimal(15916) contains.

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# Color

**Decimal(15916)**

# Conversions

## Conversions Part 1

Format	Color
Hex	003E2C
RGB	0, 62, 44
RGB Percent	0%, 24%, 17%
CMY	1.0000, 0.7569, 0.8275
CMYK	1.00, 0.00, 0.29, 0.76
HSL	163°, 100%, 12%
HSV	163°, 100%, 24%
XYZ	2.1772, 3.6271, 2.9682
YIQ	41.4100, -31.1740, -18.7420

# Conversions

## Conversions Part 2

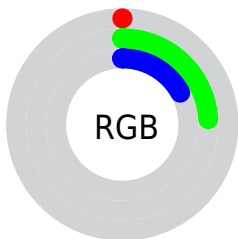
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 36, 62
Decimal	15916
CIELab	22.40, -23.51, 6.01
CIELCh	22, 24.264, 165.656
Yxy	3.6271, 0.2482, 0.4135
Android (android.graphics.Color)	4278205996 (0xFF003E2C)
YUV	41.4100, 1.2769, -36.3166
Hunter-Lab	19.0449, -12.9223, 4.0909

# Details

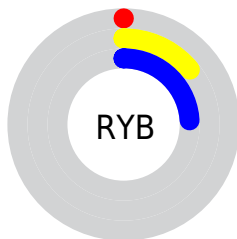
The Decimal color **15916** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4063250**, and the grayscale version is **2697513**.

A 20% lighter version of the original color is **3698266**, and **4096** is the 20% darker color. If you saturate the color by 10%, you get **15916**, and if you desaturate by 10%, it is **409134**.

# Distribution



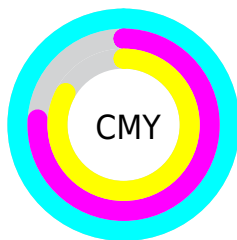
- Red (0%)
- Green (24%)
- Blue (17%)



- Red (0%)
- Yellow (14%)
- Blue (24%)



- Cyan (100%)
- Magenta (0%)
- Yellow (29%)
- Black (76%)




- Cyan (100%)
- Magenta (76%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15916 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 15916 by changing the saturation by 10% instead.



 15916  15916

 16056319  10263

 3698266  4096

 5343346  0

 6988427

 8764838

 10475969

 12318429

 14155769

 15916

■ 409134

■ 802352

■ 1261105

■ 1654323

■ 2047541

■ 2440759

■ 2833977

■ 3292730

■ 3685948

# Harmonies

## Analogous

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



2243611



15916



16191

# Triad

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



15916



2634840



5450524

# Complementary

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



15916



4063250

# 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.



5711405



15916



4402511

# Square

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



15916



14936



5383999



4665618

# Rectangle

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



15916



15946



5383999



5581089



# Sweetspot

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



15916



3756618



1261056



1714469



11053224



2697513



# Same Dimension

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



15916



21050



12862



1842974



24131



56989



# Inverse Universe

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



4063250



5373976



4066304



2038812



6160411



14549056



# Previews

## White Background



This preview shows how the Decimal color 15916 looks on a white background.

## Color Contrast Check

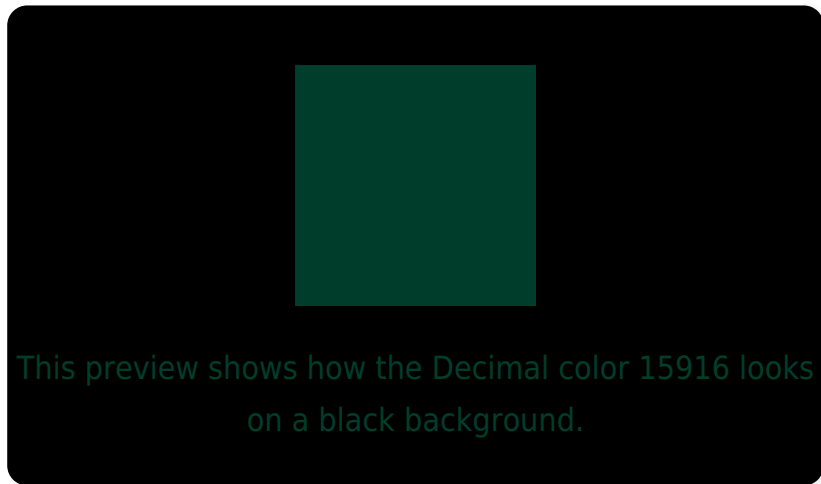
Large Text (above 18pt) WCAG AA ✓ Pass

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

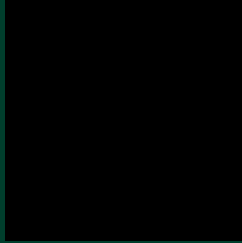
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 15916 Background



This preview shows how black text looks on a background with the Decimal color 15916.



This preview shows how white text looks on a background with the Decimal color 15916.

# 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**  
15916

**Protanopia**  
3814952

**Deuteranopia**  
4076590



**Tritanopia**  
1391424

# Trichromacy



**Original Color**  
15916

**Protanomaly**  
2439465

**Deuteranomaly**  
2570285

**Tritanomaly**  
867385

# Monochromacy



**Original Color**  
15916

**Achromatopsia**  
2697513

**Achromatomaly**  
1716522

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15916 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 #003E2C looks like.

```
.text, #text, p{  
    color:#003E2C  
}
```

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 #003E2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003E2C
}
```

## Border

The CSS property to change the border of an element to Decimal 15916 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
#003E2C }
```

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

```
.border{ border-color:#003E2C }
```

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

Here you see how a box with a 4 pixel #003E2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003E2C; -webkit-box-shadow:4px 4px  
4px 4px #003E2C; box-shadow:4px 4px 4px  
4px #003E2C }
```

# Background

The CSS property to change the background color of an element to Decimal 15916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003E2C }
```

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

```
.background{ background-color:#003E2C }
```

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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