

# Converting Colors

Decimal(1666617)

Have a look what the booklet for  
Decimal(1666617) contains.

<b>Decimal(1666617)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(1666617)**

# Conversions

## Conversions Part 1

Format	Color
Hex	196E39
RGB	25, 110, 57
RGB Percent	10%, 43%, 22%
CMY	0.9020, 0.5686, 0.7765
CMYK	0.77, 0.00, 0.48, 0.57
HSL	143°, 63%, 26%
HSV	143°, 77%, 43%
XYZ	6.7154, 11.6539, 5.7664
YIQ	78.5430, -33.6470, -34.5030

# Conversions

## Conversions Part 2

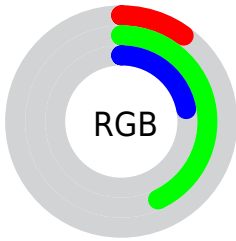
<b>Format</b>	<b>Color</b>
<b>RYB</b>	25, 87, 110
Decimal	1666617
CIELab	40.66, -37.52, 22.58
CIELCh	41, 43.796, 148.958
Yxy	11.6539, 0.2782, 0.4829
Android (android.graphics.Color)	4279856697 (0xFF196E39)
YUV	78.5430, -10.6207, -46.9572
Hunter-Lab	34.1379, -24.6281, 13.8815

# Details

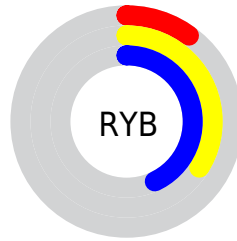
The Decimal color **1666617** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7215438**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **5481065**, and **15629** is the 20% darker color. If you saturate the color by 10%, you get **945714**, and if you desaturate by 10%, it is **2387520**.

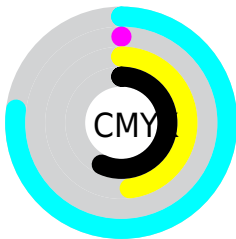
# Distribution



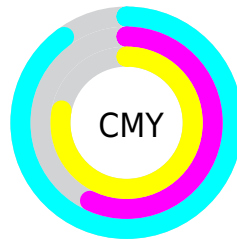
- Red (10%)
- Green (43%)
- Blue (22%)



- Red (10%)
- Yellow (34%)
- Blue (43%)



- Cyan (77%)
- Magenta (0%)
- Yellow (48%)
- Black (57%)



- Cyan (90%)
- Magenta (57%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1666617 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 1666617 by changing the saturation by 10% instead.



 1666617

 1666617

16777215

 21795

 5481065

 15629

 7257730

 10240

 9034397

 1280

 10876856

 0

 12713939

 14614512

 16515071

 1666617

 1666617

■ 945714

■ 2387520

■ 224811

■ 3108423

■ 28201

■ 3829326

■ 4550228

■ 5271131

■ 5992034

■ 6712937

■ 7433840

■ 8154743

# Harmonies

## Analogous

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



5269531



1666617



29021

# Triad

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



1666617



25768



10437183

# Complementary

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



1666617



7215438

# 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.



10436195



1666617



6182815

# Square

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



1666617



28061



9062277



9392162

# Rectangle

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



1666617



29046



9062277



10567499



# Sweetspot

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



1666617



7245690



5205529



3360571



13092807



4671303



# Same Dimension

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



1666617



692028



1666659



3291189



30765



63325



# Inverse Universe

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



7215438



9374301



7215396



3682870



7864395



16187546



# Previews

## White Background



This preview shows how the Decimal color 1666617 looks on a white background.

## Color Contrast Check

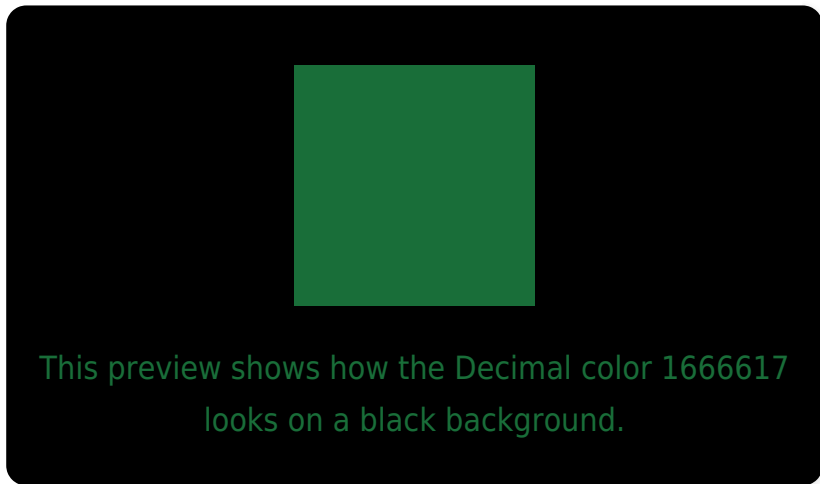
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

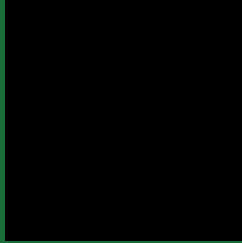
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Decimal 1666617 Background



This preview shows how black text looks on a background with the Decimal color 1666617.



This preview shows how white text looks on a background with the Decimal color 1666617.

# 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**  
1666617

**Protanopia**  
6905652

**Deuteranopia**  
7559998



**Tritanopia**  
3106928

# Trichromacy



**Original Color**  
1666617

**Protanomaly**  
5006390

**Deuteranomaly**  
5399100

**Tritanomaly**  
2583132

# Monochromacy



**Original Color**  
1666617

**Achromatopsia**  
5197647

**Achromatomaly**  
3889735

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1666617 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 #196E39 looks like.

```
.text, #text, p{  
    color:#196E39  
}
```

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 #196E39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #196E39
}
```

## Border

The CSS property to change the border of an element to Decimal 1666617 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
#196E39 }
```

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

```
.border{ border-color:#196E39 }
```

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

Here you see how a box with a 4 pixel #196E39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #196E39; -webkit-box-shadow:4px 4px  
4px 4px #196E39; box-shadow:4px 4px 4px  
4px #196E39 }
```

# Background

The CSS property to change the background color of an element to Decimal 1666617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#196E39 }
```

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

```
.background{ background-color:#196E39 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor