

# Converting Colors

Decimal(3436325)

Have a look what the booklet for  
Decimal(3436325) contains.

<b>Decimal(3436325)</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(3436325)**

# Conversions

## Conversions Part 1

Format	Color
Hex	346F25
RGB	52, 111, 37
RGB Percent	20%, 44%, 15%
CMY	0.7961, 0.5647, 0.8549
CMYK	0.53, 0.00, 0.67, 0.56
HSL	108°, 50%, 29%
HSV	108°, 67%, 44%
XYZ	7.4345, 12.2325, 3.7195
YIQ	84.9230, -11.4100, -35.5220

# Conversions

## Conversions Part 2

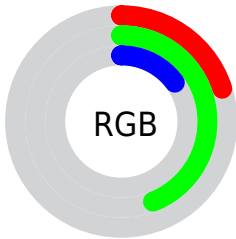
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 111, 96
Decimal	3436325
CIELab	41.58, -34.37, 34.39
CIELCh	42, 48.619, 134.986
Yxy	12.2325, 0.3179, 0.5231
Android (android.graphics.Color)	4281626405 (0xFF346F25)
YUV	84.9230, -23.6260, -28.8735
Hunter-Lab	34.9750, -23.2630, 18.1771

# Details

The Decimal color **3436325** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **6301039**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **6857557**, and **15872** is the 20% darker color. If you saturate the color by 10%, you get **2846490**, and if you desaturate by 10%, it is **4026160**.

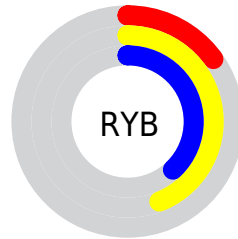
# Distribution



Red (20%)

Green (44%)

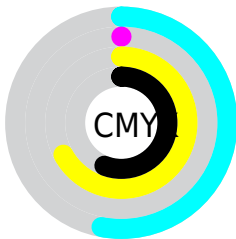
Blue (15%)



Red (15%)

Yellow (44%)

Blue (38%)

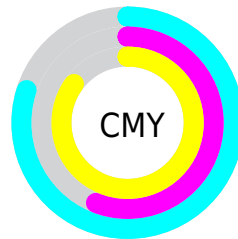


Cyan (53%)

Magenta (0%)

Yellow (67%)

Black (56%)



Cyan (80%)

Magenta (56%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3436325 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 3436325 by changing the saturation by 10% instead.





3436325



3436325

16777215



1594892



6857557



15872



8634223



10240



10410888



2816



12253091



0



14090175



15990747



16777207



3436325



3436325

■ 2846490

■ 4026160

■ 2256655

■ 4615995

■ 1666820

■ 5205830

■ 1470208

■ 5730129

■ 6319965

■ 6909800

■ 7499635

■ 8089470

■ 8679305

# Harmonies

## Analogous

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



6514180



3436325



29772

# Triad

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



3436325



27823



11156304

# Complementary

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



3436325



6301039

# 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.



10501752



3436325



3563696

# Square

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



3436325



29594



8212123



10504235

# Rectangle

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



3436325



30056



8212123



11090525



# Sweetspot

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



3436325



8032628



7298853



3951160



13224393



4868682



# Same Dimension

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



3436325



3510557



2453306



3422258



1603584



3340032



# Inverse Universe

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



6301039



8002961



7284058



3617336



6291576

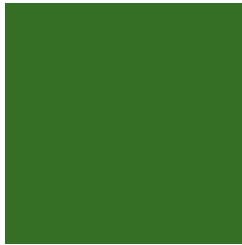


12910839



# Previews

## White Background



This preview shows how the Decimal color 3436325 looks on a white background.

## Color Contrast Check

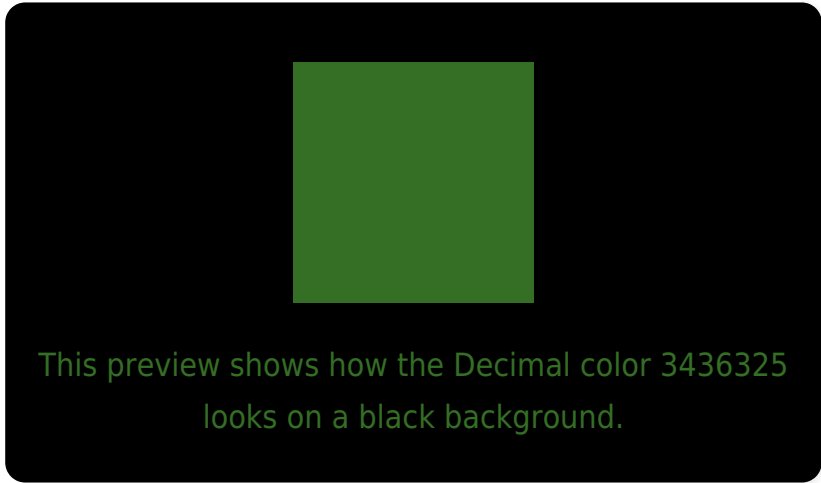
Large Text (above 18pt) WCAG AA ✓ Pass

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

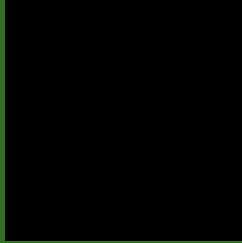
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 3436325 Background



This preview shows how black text looks on a background with the Decimal color 3436325.



This preview shows how white text looks on a background with the Decimal color 3436325.

# 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**  
3436325

**Protanopia**  
7168545

**Deuteranopia**  
7953707



**Tritanopia**  
4417648

# Trichromacy



**Original Color**  
3436325

**Protanomaly**  
5793570

**Deuteranomaly**  
6317097

**Tritanomaly**  
4090709

# Monochromacy



**Original Color**  
3436325

**Achromatopsia**  
5592405

**Achromatomaly**  
4808260

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3436325 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 #346F25 looks like.

```
.text, #text, p{  
    color:#346F25  
}
```

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 #346F25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #346F25
}
```

## Border

The CSS property to change the border of an element to Decimal 3436325 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
#346F25 }
```

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

```
.border{ border-color:#346F25 }
```

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

Here you see how a box with a 4 pixel #346F25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #346F25; -webkit-box-shadow:4px 4px  
4px 4px #346F25; box-shadow:4px 4px 4px  
4px #346F25 }
```

# Background

The CSS property to change the background color of an element to Decimal 3436325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#346F25 }
```

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

```
.background{ background-color:#346F25 }
```

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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