

# Converting Colors

Decimal(3366656)

Have a look what the booklet for  
Decimal(3366656) contains.

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**Color**

**Decimal(3366656)**

# Conversions

## Conversions Part 1

Format	Color
Hex	335F00
RGB	51, 95, 0
RGB Percent	20%, 37%, 0%
CMY	0.8000, 0.6275, 1.0000
CMYK	0.46, 0.00, 1.00, 0.63
HSL	88°, 100%, 19%
HSV	88°, 100%, 37%
XYZ	5.4574, 8.8882, 1.4280
YIQ	71.0140, 4.2710, -38.8730

# Conversions

## Conversions Part 2

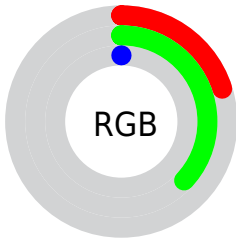
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 95, 44
Decimal	3366656
CIELab	35.77, -30.24, 42.09
CIELCh	36, 51.830, 125.699
Yxy	8.8882, 0.3460, 0.5635
Android (android.graphics.Color)	4281556736 (0xFF335F00)
YUV	71.0140, -35.0099, -17.5523
Hunter-Lab	29.8131, -19.4976, 18.0294

# Details

The Decimal color **3366656** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2883679**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **6787640**, and **12288** is the 20% darker color. If you saturate the color by 10%, you get **3366656**, and if you desaturate by 10%, it is **3628809**.

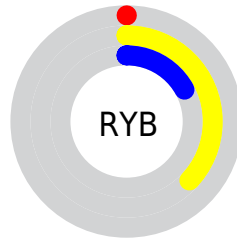
# Distribution



Red (20%)

Green (37%)

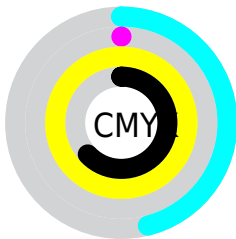
Blue (0%)



Red (0%)

Yellow (37%)

Blue (17%)

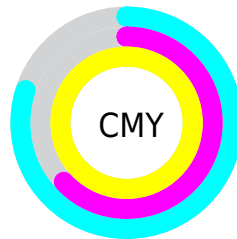


Cyan (46%)

Magenta (0%)

Yellow (100%)

Black (63%)



Cyan (80%)

Magenta (63%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3366656 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 3366656 by changing the saturation by 10% instead.



 3366656

 3366656

 16777204

 1722112

 6787640


 12288

 8498513

 7424

 10274922

 0

 12117124

 13959071

 15859643

 16777175

 3366656

■ 3628809

■ 3956499

■ 4218653

■ 4546342

■ 4808496

■ 5070649

■ 5398339

■ 5660492

■ 5988182

# Harmonies

## Analogous

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



6247680



3366656



25648

# Triad

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



3366656



24992



10232910

# Complementary

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



3366656



2883679

# 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.



9121655



3366656



22439

# Square

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



336656



26244



6112664



9908518

# Rectangle

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



3366656



26189



6112664



10036572



# Sweetspot

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



3366656



6912598



6236928



3357991



12434877



4013373



# Same Dimension

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



3366656



4356608



352000



3026988



3960832



8515584



# Inverse Universe

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



2883679



3735674



5898335



3025968



3407984



7274736



# Previews

## White Background



This preview shows how the Decimal color 3366656 looks on a white background.

## Color Contrast Check

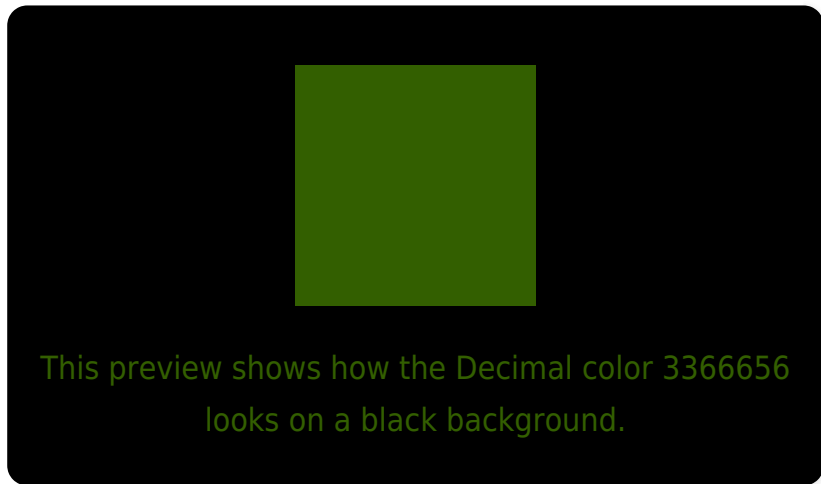
Large Text (above 18pt) WCAG AA ✓ Pass

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

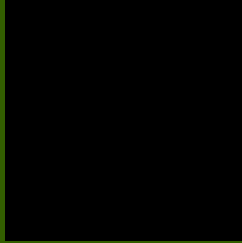
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 3366656 Background



This preview shows how black text looks on a background with the Decimal color 3366656.



This preview shows how white text looks on a background with the Decimal color 3366656.

# 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**  
3366656

**Protanopia**  
6247424

**Deuteranopia**  
6967315



**Tritanopia**  
4151391

# Trichromacy



**Original Color**  
3366656

**Protanomaly**  
5199872

**Deuteranomaly**  
5657868

**Tritanomaly**  
3889980

# Monochromacy



**Original Color**  
3366656

**Achromatopsia**  
4671303

**Achromatomaly**  
4214829

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 336656 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 #335F00 looks like.

```
.text, #text, p{  
  color:#335F00  
}
```

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 #335F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #335F00
}
```

## Border

The CSS property to change the border of an element to Decimal 3366656 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
#335F00 }
```

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

```
.border{ border-color:#335F00 }
```

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

Here you see how a box with a 4 pixel #335F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #335F00; -webkit-box-shadow:4px 4px  
4px 4px #335F00; box-shadow:4px 4px 4px  
4px #335F00 }
```

# Background

The CSS property to change the background color of an element to Decimal 3366656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#335F00 }
```

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

```
.background{ background-color:#335F00 }
```

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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