

# Converting Colors

Decimal(3346688)

Have a look what the booklet for  
Decimal(3346688) contains.

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# Color

**Decimal(3346688)**

# Conversions

## Conversions Part 1

Format	Color
Hex	331100
RGB	51, 17, 0
RGB Percent	20%, 7%, 0%
CMY	0.8000, 0.9333, 1.0000
CMYK	0.00, 0.67, 1.00, 0.80
HSL	20°, 100%, 10%
HSV	20°, 100%, 20%
XYZ	1.5657, 1.1047, 0.1307
YIQ	25.2280, 25.7210, 1.9210

# Conversions

## Conversions Part 2

Format	Color
<a href="#">RYB</a>	<a href="#">51, 26, 0</a>
Decimal	<a href="#">3346688</a>
CIELab	<a href="#">9.83, 15.86, 15.09</a>
CIElCh	<a href="#">10, 21.892, 43.563</a>
Yxy	<a href="#">1.1047, 0.5590, 0.3944</a>
Android (android.graphics.Color)	<a href="#">4281536768 (0xFF331100)</a>
YUV	<a href="#">25.2280, -12.4374, 22.6020</a>
Hunter-Lab	<a href="#">10.5105, 8.1968, 6.6200</a>

# Details

The Decimal color **3346688** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **8755**, and the grayscale version is **1644825**.

A 20% lighter version of the original color is **6569008**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **3346688**, and if you desaturate by 10%, it is **3347461**.

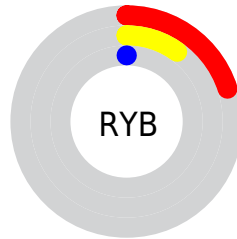
# Distribution



Red (20%)

Green (7%)

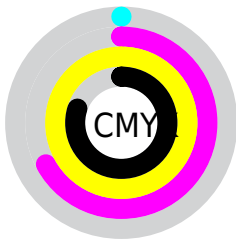
Blue (0%)



Red (20%)

Yellow (10%)

Blue (0%)

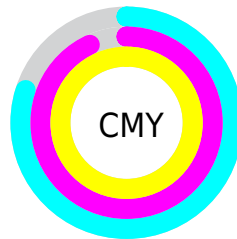


Cyan (0%)

Magenta (67%)

Yellow (100%)

Black (80%)



Cyan (80%)

Magenta (93%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3346688 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 3346688 by changing the saturation by 10% instead.



 3346688

 3346688

 16774114


 1900545

 6569008

 0

 8279110

 10054750

 11830646

 13672592

 15580075

 16766918

 3346688

■ 3347461

■ 3348490

■ 3349263

■ 3350292

■ 3351066

■ 3351839

■ 3352868

■ 3353641

■ 3354670

# Harmonies

## Analogous

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



3542293



3346688



2758400

# Triad

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



3346688



8722



596792

# Complementary

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



3346688



8755

# 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.



7991



3346688



8994

# Square

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



3346688



925696



8751



2364465

# Rectangle

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



3346688



2235136



8751



7225



# Sweetspot

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



3346688



4338990



3342370



2169109



10592673



2171169



# Same Dimension

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



3346688



4331008



3353344



1710103



5840384



14239744



# Inverse Universe

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



8755



11330



2355



1513754



15193

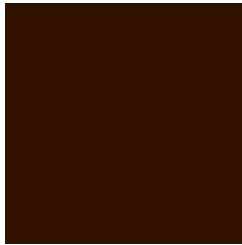


37081



# Previews

## White Background



This preview shows how the Decimal color 3346688 looks on a white background.

## Color Contrast Check

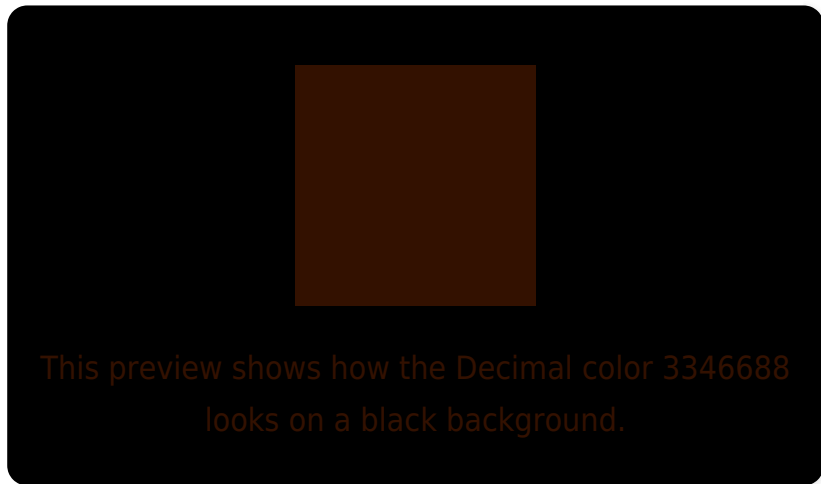
Large Text (above 18pt) WCAG AA ✓ Pass

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

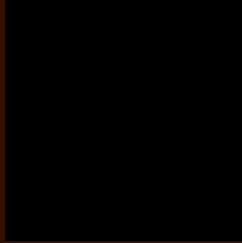
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 3346688 Background



This preview shows how black text looks on a background with the Decimal color 3346688.

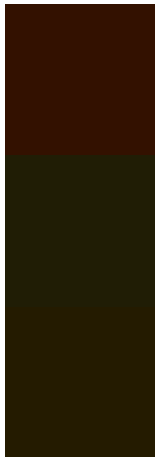


This preview shows how white text looks on a background with the Decimal color 3346688.

# 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**  
3346688

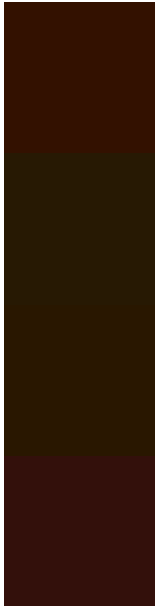
**Protanopia**  
2104581

**Deuteranopia**  
2366208



**Tritanopia**  
3346449

# Trichromacy



**Original Color**  
3346688

**Protanomaly**  
2562307

**Deuteranomaly**  
2692864

**Tritanomaly**  
3346443

# Monochromacy



**Original Color**  
3346688

**Achromatopsia**  
1644825

**Achromatomaly**  
2233872

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3346688 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 #331100 looks like.

```
.text, #text, p{  
    color:#331100  
}
```

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 #331100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #331100
}
```

## Border

The CSS property to change the border of an element to Decimal 3346688 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
#331100 }
```

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

```
.border{ border-color:#331100 }
```

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

Here you see how a box with a 4 pixel #331100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #331100; -webkit-box-shadow:4px 4px  
4px 4px #331100; box-shadow:4px 4px 4px  
4px #331100 }
```

# Background

The CSS property to change the background color of an element to Decimal 3346688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#331100 }
```

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

```
.background{ background-color:#331100 }
```

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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