

# Converting Colors

Decimal(3371264)

Have a look what the booklet for  
Decimal(3371264) contains.

<b>Decimal(3371264)</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(3371264)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	337100
RGB	51, 113, 0
RGB Percent	20%, 44%, 0%
CMY	0.8000, 0.5569, 1.0000
CMYK	0.55, 0.00, 1.00, 0.56
HSL	93°, 100%, 22%
HSV	93°, 100%, 44%
XYZ	7.2704, 12.5141, 2.0323
YIQ	81.5800, -0.6790, -48.2870

# Conversions

## Conversions Part 2

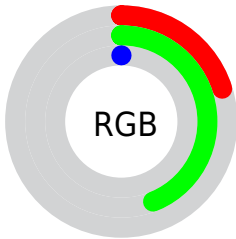
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 113, 62
Decimal	3371264
CIELab	42.02, -37.85, 46.99
CIELCh	42, 60.332, 128.851
Yxy	12.5141, 0.3332, 0.5736
Android (android.graphics.Color)	4281561344 (0xFF337100)
YUV	81.5800, -40.2189, -26.8187
Hunter-Lab	35.3752, -25.2210, 21.3565

# Details

The Decimal color **3371264** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4063345**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **6923580**, and **16384** is the 20% darker color. If you saturate the color by 10%, you get **3371264**, and if you desaturate by 10%, it is **3764491**.

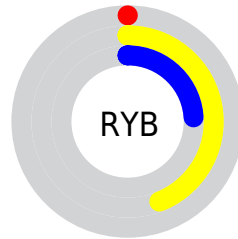
# Distribution



Red (20%)

Green (44%)

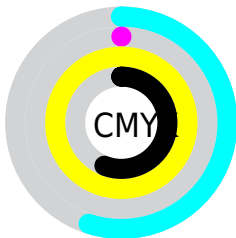
Blue (0%)



Red (0%)

Yellow (44%)

Blue (24%)

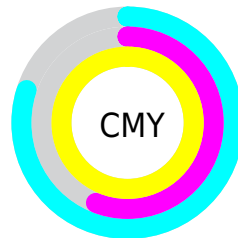


Cyan (55%)

Magenta (0%)

Yellow (100%)

Black (56%)



Cyan (80%)

Magenta (56%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3371264 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 3371264 by changing the saturation by 10% instead.



 3371264

 3371264

 16777211

 1398784

 6923580

 16384

 8700246

 10752

 10542448

 3328

 12384907

 0

 14286758

 16187330

 16777182

 3371264

 3764491

 4157719

 4616482

 5009709

 5402937

 5796164

 6189391

 6648154

 7041382

# Harmonies

## Analogous

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



7038464



3371264



30525

# Triad

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



3371264



29376



12199767

# Complementary

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



3371264



4063345

# 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.



11023240



3371264



26054

# Square

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



3371264



30881



7753393



11614759

# Rectangle

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



3371264



31072



7753393



12003175



# Sweetspot

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



3371264



8164456



7420928



3885615



13224393



4868682



# Same Dimension

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



3371264



4428800



28932



3487794



3569664



7403264



# Inverse Universe

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



4063345



5308564



7405677



3551800



4325496



8913143



# Previews

## White Background



This preview shows how the Decimal color 3371264 looks on a white background.

## Color Contrast Check

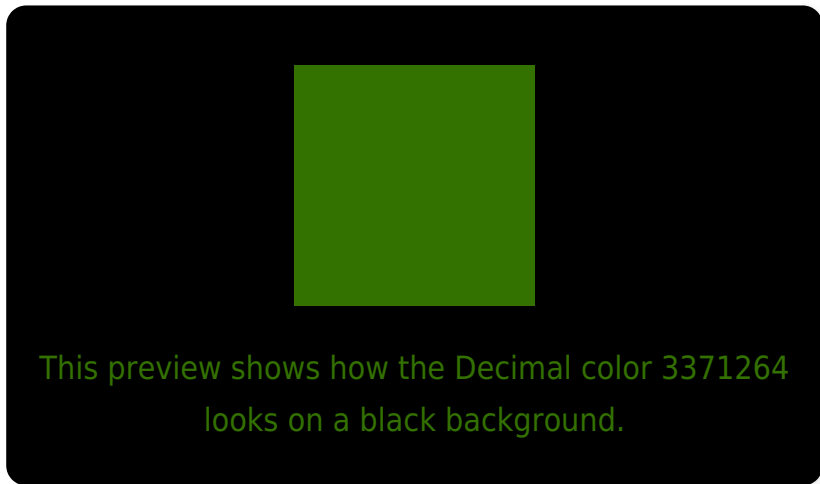
Large Text (above 18pt) WCAG AA ✓ Pass

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

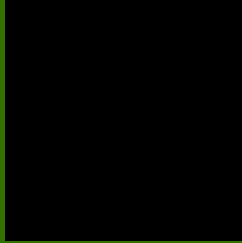
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 3371264 Background



This preview shows how black text looks on a background with the Decimal color 3371264.



This preview shows how white text looks on a background with the Decimal color 3371264.

# 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**  
3371264

**Protanopia**  
7365376

**Deuteranopia**  
8150551



**Tritanopia**  
4483441

# Trichromacy



**Original Color**  
3371264

**Protanomaly**  
5924864

**Deuteranomaly**  
6382863

**Tritanomaly**  
4090952

# Monochromacy



**Original Color**  
3371264

**Achromatopsia**  
5395026

**Achromatomaly**  
4676916

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3371264 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 #337100 looks like.

```
.text, #text, p{  
  color:#337100  
}
```

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 #337100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #337100
}
```

## Border

The CSS property to change the border of an element to Decimal 3371264 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
#337100 }
```

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

```
.border{ border-color:#337100 }
```

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

Here you see how a box with a 4 pixel #337100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #337100; -webkit-box-shadow:4px 4px  
4px 4px #337100; box-shadow:4px 4px 4px  
4px #337100 }
```

# Background

The CSS property to change the background color of an element to Decimal 3371264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#337100 }
```

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

```
.background{ background-color:#337100 }
```

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