

# Converting Colors

Decimal(2311936)

Have a look what the booklet for  
Decimal(2311936) contains.

<b>Decimal(2311936)</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(2311936)**

# Conversions

## Conversions Part 1

Format	Color
Hex	234700
RGB	35, 71, 0
RGB Percent	14%, 28%, 0%
CMY	0.8627, 0.7216, 1.0000
CMYK	0.51, 0.00, 1.00, 0.72
HSL	90°, 100%, 14%
HSV	90°, 100%, 28%
XYZ	2.9464, 4.8638, 0.7835
YIQ	52.1420, 1.3350, -29.7130

# Conversions

## Conversions Part 2

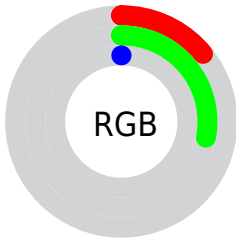
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 71, 36</a>
Decimal	<a href="#">2311936</a>
CIELab	<a href="#">26.34, -25.45, 34.21</a>
CIELCh	<a href="#">26, 42.638, 126.641</a>
Yxy	<a href="#">4.8638, 0.3429, 0.5660</a>
Android (android.graphics.Color)	<a href="#">4280502016 (0xFF234700)</a>
YUV	<a href="#">52.1420, -25.7060, -15.0335</a>
Hunter-Lab	<a href="#">22.0540, -14.7473, 13.3314</a>

# Details

The Decimal color **2311936** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2359367**, and the grayscale version is **3421236**.

A 20% lighter version of the original color is **5535793**, and **7680** is the 20% darker color. If you saturate the color by 10%, you get **2311936**, and if you desaturate by 10%, it is **2574087**.

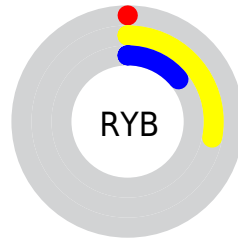
# Distribution



Red (14%)

Green (28%)

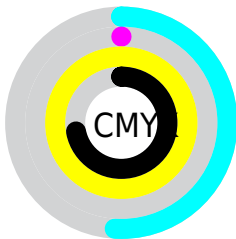
Blue (0%)



Red (0%)

Yellow (28%)

Blue (14%)

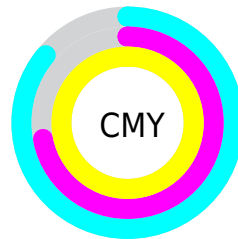


Cyan (51%)

Magenta (0%)

Yellow (100%)

Black (72%)



Cyan (86%)

Magenta (72%)

Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 2311936 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 2311936 by changing the saturation by 10% instead.



 2311936

 2311936

 16777193

 667648

 5535793

 7680

 7246409

 0

 8957026

 10733692

 12575894

 14417841

 16318413

 2311936

■ 2574087

■ 2770702

■ 3032853

■ 3229468

■ 3491620

■ 3753771

■ 3950386

■ 4212537

■ 4409152

# Harmonies

## Analogous

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



4669184



2311936



19235

# Triad

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



2311936



18810



7804985

# Complementary

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



2311936



2359367

# 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.



6955353



2311936



16511

# Square

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



2311936



19556



4665971



7480089

# Rectangle

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



2311936



19514



4665971



7674179



# Sweetspot

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



2311936



5135424



4662272



2502173



11382189



3026478



# Same Dimension

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



2311936



2972672



18176



2237472



3236608



7398144



# Inverse Universe

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



2359367



3080284



4653127



2236452



3276899



7536867



# Previews

## White Background



This preview shows how the Decimal color 2311936 looks on a white background.

## Color Contrast Check

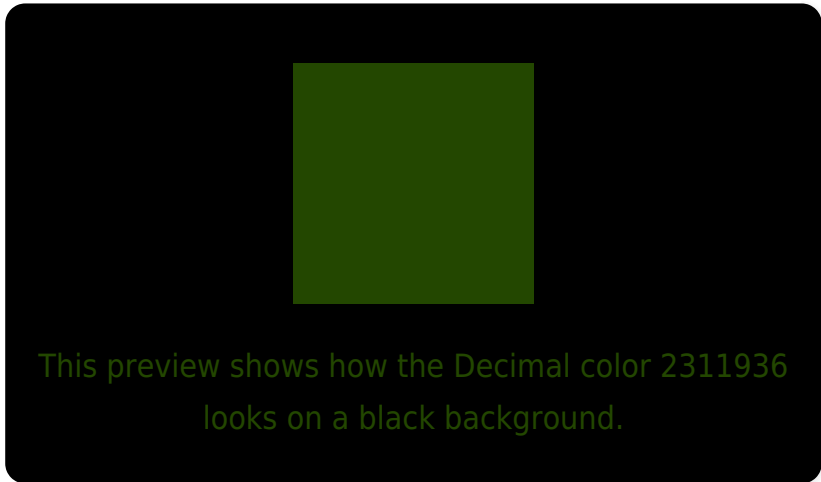
Large Text (above 18pt) WCAG AA ✓ Pass

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 2311936 Background



This preview shows how black text looks on a background with the Decimal color 2311936.



This preview shows how white text looks on a background with the Decimal color 2311936.

# 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**  
2311936

**Protanopia**  
4603648

**Deuteranopia**  
5192463



**Tritanopia**  
2966087

# Trichromacy



**Original Color**  
2311936

**Protanomaly**  
3752448

**Deuteranomaly**  
4144906

**Tritanomaly**  
2704429

# Monochromacy



**Original Color**  
2311936

**Achromatopsia**  
3421236

**Achromatomaly**  
3029793

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2311936 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 #234700 looks like.

```
.text, #text, p{  
  color:#234700  
}
```

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 #234700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #234700
}
```

## Border

The CSS property to change the border of an element to Decimal 2311936 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
#234700 }
```

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

```
.border{ border-color:#234700 }
```

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

Here you see how a box with a 4 pixel #234700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #234700; -webkit-box-shadow:4px 4px  
4px 4px #234700; box-shadow:4px 4px 4px  
4px #234700 }
```

# Background

The CSS property to change the background color of an element to Decimal 2311936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#234700 }
```

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

```
.background{ background-color:#234700 }
```

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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