

# Converting Colors

Decimal(4420391)

Have a look what the booklet for  
Decimal(4420391) contains.

<b>Decimal(4420391)</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(4420391)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	437327
RGB	67, 115, 39
RGB Percent	26%, 45%, 15%
CMY	0.7373, 0.5490, 0.8471
CMYK	0.42, 0.00, 0.66, 0.55
HSL	98°, 49%, 30%
HSV	98°, 66%, 45%
XYZ	8.8117, 13.6012, 4.0803
YIQ	91.9840, -4.2120, -33.8120

# Conversions

## Conversions Part 2

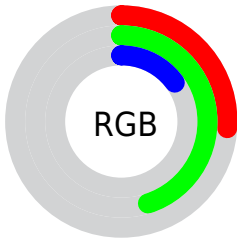
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 115, 87
Decimal	4420391
CIE <sub>Lab</sub>	43.66, -30.84, 35.93
CIE <sub>LCh</sub>	44, 47.348, 130.644
Yxy	13.6012, 0.3326, 0.5134
Android (android.graphics.Color)	4282610471 (0xFF437327)
YUV	91.9840, -26.1211, -21.9110
Hunter-Lab	36.8799, -21.8909, 19.2561

# Details

The Decimal color **4420391** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5711731**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **7841624**, and **999936** is the 20% darker color. If you saturate the color by 10%, you get **3961628**, and if you desaturate by 10%, it is **4879155**.

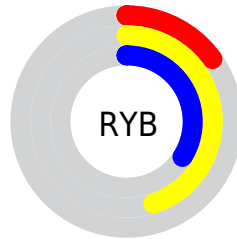
# Distribution



Red (26%)

Green (45%)

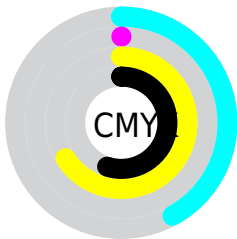
Blue (15%)



Red (15%)

Yellow (45%)

Blue (34%)

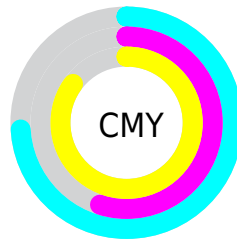


Cyan (42%)

Magenta (0%)

Yellow (66%)

Black (55%)



Cyan (74%)

Magenta (55%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4420391 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 4420391 by changing the saturation by 10% instead.





4420391



4420391

16777215



2710030



7841624



999936



9552753



11264



11394955



5376



13237414



0



15073217



16777182



16777210



4420391



4420391

■ 3961628

■ 4879155

■ 3437328

■ 5403454

■ 2978565

■ 5862218

■ 2781952

■ 6320981

■ 6779745

■ 7304044

■ 7762808

■ 8221571

■ 8680335

# Harmonies

## Analogous

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



7236110



4420391



30796

# Triad

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



4420391



29361



11419995

# Complementary

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



4420391



5711731

# 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.



10569346



4420391



3041205

# Square

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



4420391



30873



8083363



10964022

# Rectangle

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



4420391



31335



8083363



11288936



# Sweetspot

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



4420391



8623736



7558695



4279610



13421772



5066061



# Same Dimension

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



4420391



4953632



2585392



3619637



2980352



6093312



# Inverse Universe

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



5711731



7020694



7546730



3683643



5046394



10354938



# Previews

## White Background



This preview shows how the Decimal color 4420391 looks on a white background.

## Color Contrast Check

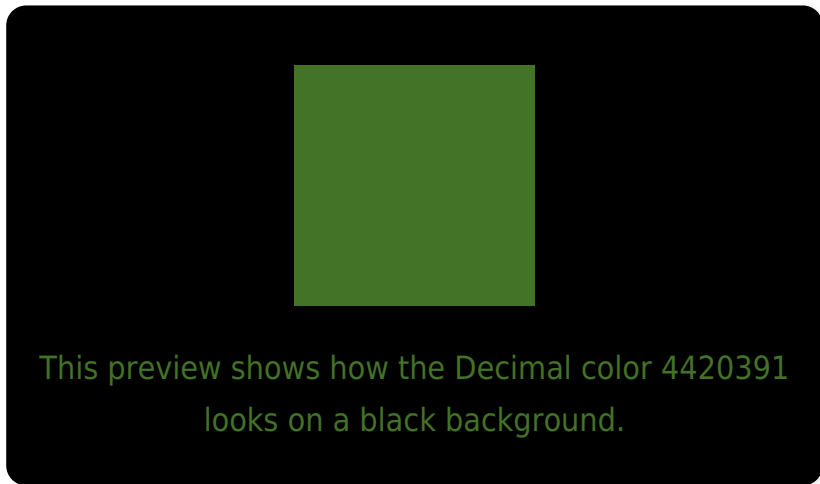
Large Text (above 18pt) WCAG AA ✓ Pass

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

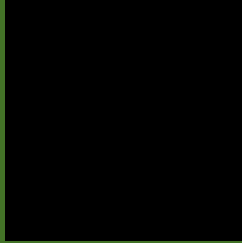
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4420391 Background



This preview shows how black text looks on a background with the Decimal color 4420391.



This preview shows how white text looks on a background with the Decimal color 4420391.

# 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**  
4420391

**Protanopia**  
7563044

**Deuteranopia**  
8348205



**Tritanopia**  
5205108

# Trichromacy



**Original Color**  
4420391

**Protanomaly**  
6449957

**Deuteranomaly**  
6907947

**Tritanomaly**  
4943704

# Monochromacy



**Original Color**  
4420391

**Achromatopsia**  
6052956

**Achromatomaly**  
5465161

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4420391 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 #437327 looks like.

```
.text, #text, p{  
    color:#437327  
}
```

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 #437327 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #437327
}
```

## Border

The CSS property to change the border of an element to Decimal 4420391 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".

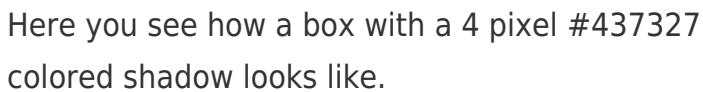
```
.border, #border, table{ border:4px solid
#437327 }
```

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

```
.border{ border-color:#437327 }
```

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

Here you see how a box with a 4 pixel #437327 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #437327; -webkit-box-shadow:4px 4px  
4px 4px #437327; box-shadow:4px 4px 4px  
4px #437327 }
```

# Background

The CSS property to change the background color of an element to Decimal 4420391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#437327 }
```

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

```
.background{ background-color:#437327 }
```

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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