

# Converting Colors

Decimal(4420645)

Have a look what the booklet for  
Decimal(4420645) contains.

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# Color

**Decimal(4420645)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	437425
RGB	67, 116, 37
RGB Percent	26%, 45%, 15%
CMY	0.7373, 0.5451, 0.8549
CMYK	0.42, 0.00, 0.68, 0.55
HSL	97°, 52%, 30%
HSV	97°, 68%, 45%
XYZ	8.8941, 13.8176, 3.9486
YIQ	92.3430, -3.8450, -34.9570

# Conversions

## Conversions Part 2

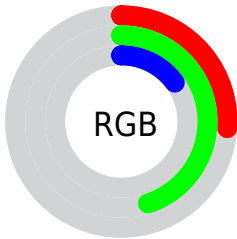
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 116, 86
Decimal	4420645
CIELab	43.97, -31.49, 37.20
CIELCh	44, 48.739, 130.253
Yxy	13.8176, 0.3336, 0.5183
Android (android.graphics.Color)	4282610725 (0xFF437425)
YUV	92.3430, -27.2841, -22.2258
Hunter-Lab	37.1721, -22.3420, 19.7224

# Details

The Decimal color **4420645** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5645684**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **7841878**, and **934656** is the 20% darker color. If you saturate the color by 10%, you get **3961881**, and if you desaturate by 10%, it is **4879409**.

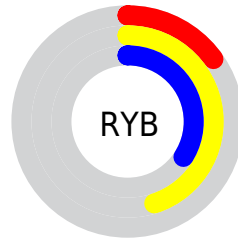
# Distribution



Red (26%)

Green (45%)

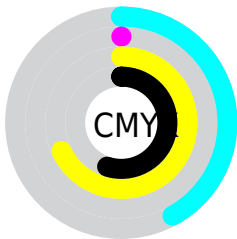
Blue (15%)



Red (15%)

Yellow (45%)

Blue (34%)

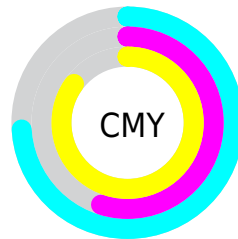


Cyan (42%)

Magenta (0%)

Yellow (68%)

Black (55%)



Cyan (74%)

Magenta (55%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4420645 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 4420645 by changing the saturation by 10% instead.





4420645



4420645

16777215



2710283



7841878



934656



9618543



11264



11395209



5632



13237668



0



15138752



16777180



16777209



4420645



4420645

■ 3961881

■ 4879409

■ 3503118

■ 5338172

■ 2978818

■ 5862472

■ 2913280

■ 6321235

■ 6779999

■ 7238763

■ 7697526

■ 8221826

■ 8680589

# Harmonies

## Analogous

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



7301642



4420645



31051

# Triad

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



4420645



29876



11616348

# Complementary

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



4420645



5645684

# 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.



10700420



4420645



2713784

# Square

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



4420645



31387



8148902



11160373

# Rectangle

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



4420645



31591



8148902



11485289



# Sweetspot

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



4420645



8689272



7624229



4279610



13421772



5066061



# Same Dimension

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



4420645



4888091



2454574



3619637



3045888



6289920



# Inverse Universe

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



5645684



6822806



7611755



3683643



4980858



10158330



# Previews

## White Background



This preview shows how the Decimal color 4420645 looks on a white background.

## Color Contrast Check

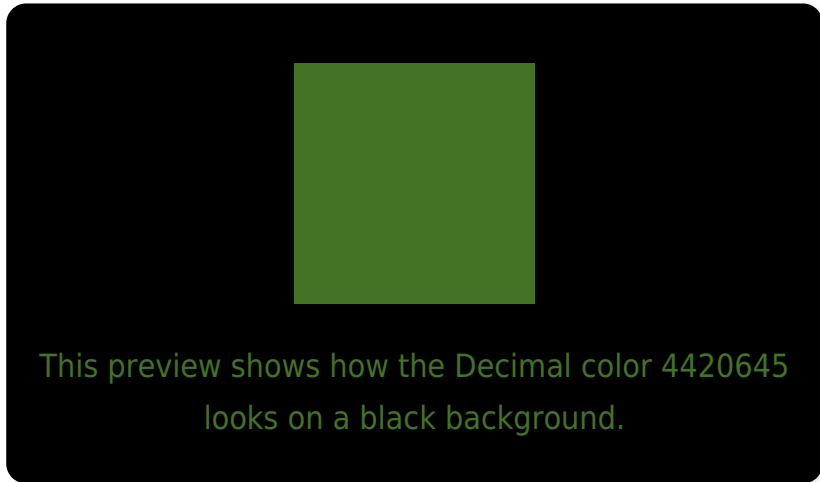
Large Text (above 18pt) WCAG AA ✓ Pass

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

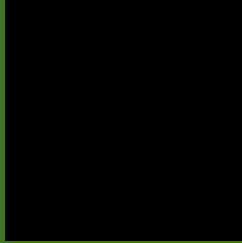
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4420645 Background



This preview shows how black text looks on a background with the Decimal color 4420645.



This preview shows how white text looks on a background with the Decimal color 4420645.

# 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**

4420645

**Protanopia**

7628834

**Deuteranopia**

8479275



# Trichromacy



**Original Color**  
4420645

**Protanomaly**  
6450211

**Deuteranomaly**  
6973737

**Tritanomaly**  
4943704

# Monochromacy



**Original Color**  
4420645

**Achromatopsia**  
6052956

**Achromatomaly**  
5465416

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4420645 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 #437425 looks like.

```
.text, #text, p{  
    color:#437425  
}
```

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 #437425 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #437425
}
```

## Border

The CSS property to change the border of an element to Decimal 4420645 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
#437425 }
```

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

```
.border{ border-color:#437425 }
```

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

Here you see how a box with a 4 pixel #437425 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #437425; -webkit-box-shadow:4px 4px  
4px 4px #437425; box-shadow:4px 4px 4px  
4px #437425 }
```

# Background

The CSS property to change the background color of an element to Decimal 4420645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#437425 }
```

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

```
.background{ background-color:#437425 }
```

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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