

Converting Colors

Decimal(4418352)

Have a look what the booklet for
Decimal(4418352) contains.

Decimal(4418352)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(4418352)

Conversions

Conversions Part 1

Format	Color
Hex	436B30
RGB	67, 107, 48
RGB Percent	26%, 42%, 19%
CMY	0.7373, 0.5804, 0.8118
CMYK	0.37, 0.00, 0.55, 0.58
HSL	101°, 38%, 30%
HSV	101°, 55%, 42%
XYZ	8.1059, 11.9221, 4.6703
YIQ	88.3140, -4.9010, -26.8290

Conversions

Conversions Part 2

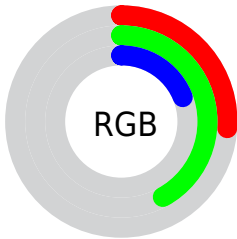
Format	Color
RYB	48, 107, 88
Decimal	4418352
CIELab	41.09, -26.00, 28.42
CIELCh	41, 38.523, 132.450
Yxy	11.9221, 0.3282, 0.4827
Android (android.graphics.Color)	4282608432 (0xFF436B30)
YUV	88.3140, -19.8748, -18.6924
Hunter-Lab	34.5284, -18.5197, 16.1504

Details

The Decimal color **4418352** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5779563**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **7708512**, and **1194753** is the 20% darker color. If you saturate the color by 10%, you get **3959589**, and if you desaturate by 10%, it is **4877115**.

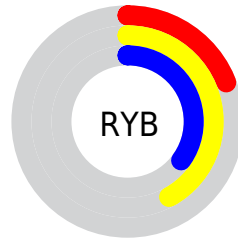
Distribution



Red (26%)

Green (42%)

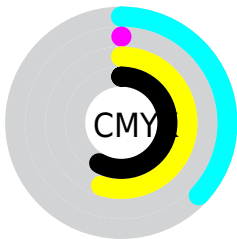
Blue (19%)



Red (19%)

Yellow (42%)

Blue (35%)

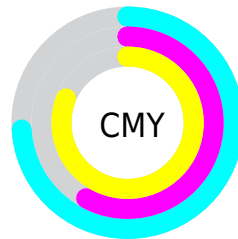


Cyan (37%)

Magenta (0%)

Yellow (55%)

Black (58%)



Cyan (74%)

Magenta (58%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4418352 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 4418352 by changing the saturation by 10% instead.



4418352



4418352

16777215



2839321



7708512



1194753



9484921



9472



11261587



1792



13103790



0



14942154



16777190



4418352



4418352



3959589



4877115

■ 3435291

■ 5401413

■ 2976528

■ 5860176

■ 2517765

■ 6318939

■ 2255616

■ 6777702

■ 7302000

■ 7760763

■ 8219526

■ 8678288

Harmonies

Analogous

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



6710047



4418352



28493

Triad

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



4418352



27037



10175829

Complementary

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



4418352



5779563

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.



9521269



4418352



4219039

Square

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



4418352



28555



7623568



9784632

Rectangle

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



4418352



28771



7623568



10110304

Sweetspot

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



4418352



8162420



7034672



4081465



13092807



4671303

Same Dimension

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



4418352



5082160



3173178



3290672



2520320



5240064

Inverse Universe

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



5779563



7221388



7024737



3420214



5242997



10879221

Previews

White Background



This preview shows how the Decimal color 4418352 looks on a white background.

Color Contrast Check

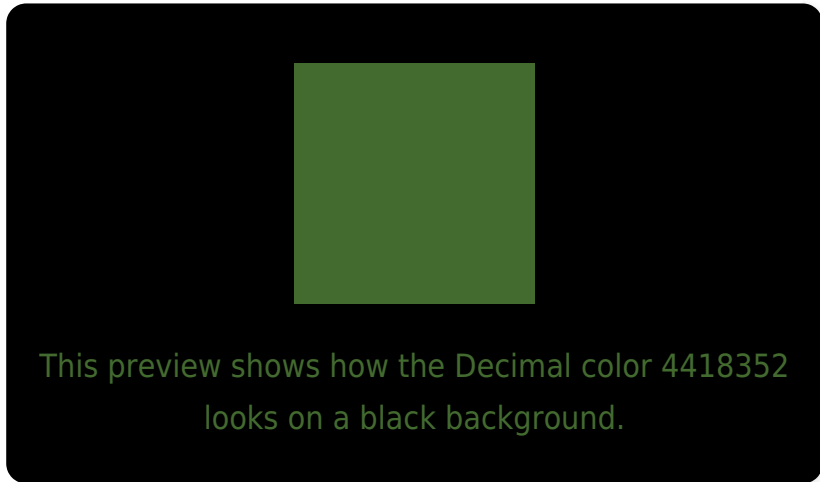
Large Text (above 18pt) WCAG AA ✓ Pass

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

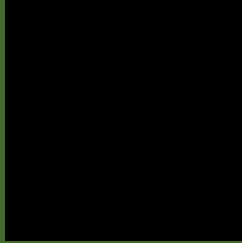
Any Text WCAG AA × Fail

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 4418352 Background



This preview shows how black text looks on a background with the Decimal color 4418352.



This preview shows how white text looks on a background with the Decimal color 4418352.

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

4418352

Protanopia

7037229

Deuteranopia

7756852

Trichromacy



Original Color
4418352

Protanomaly
6055214

Deuteranomaly
6512947

Tritanomaly
4810583

Monochromacy



Original Color
4418352

Achromatopsia
5789784

Achromatomaly
5267273

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4418352 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 #436B30 looks like.

```
.text, #text, p{  
    color:#436B30  
}
```

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 #436B30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #436B30
}
```

Border

The CSS property to change the border of an element to Decimal 4418352 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".

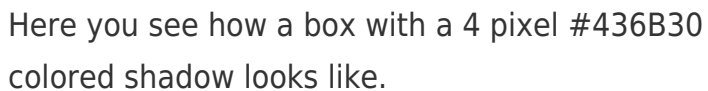
```
.border, #border, table{ border:4px solid
#436B30 }
```

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

```
.border{ border-color:#436B30 }
```

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

Here you see how a box with a 4 pixel #436B30 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #436B30; -webkit-box-shadow:4px 4px  
4px 4px #436B30; box-shadow:4px 4px 4px  
4px #436B30 }
```

Background

The CSS property to change the background color of an element to Decimal 4418352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#436B30 }
```

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

```
.background{ background-color:#436B30 }
```

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