

Converting Colors

Decimal(4487680)

Have a look what the booklet for
Decimal(4487680) contains.

Decimal(4487680)	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(4487680)

Conversions

Conversions Part 1

Format	Color
Hex	447A00
RGB	68, 122, 0
RGB Percent	27%, 48%, 0%
CMY	0.7333, 0.5216, 1.0000
CMYK	0.44, 0.00, 1.00, 0.52
HSL	87°, 100%, 24%
HSV	87°, 100%, 48%
XYZ	9.3434, 15.1480, 2.4314
YIQ	91.9460, 6.9780, -49.3900

Conversions

Conversions Part 2

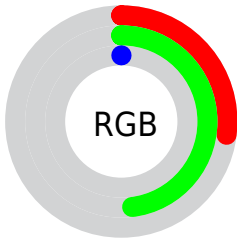
Format	Color
RYB	0, 122, 54
Decimal	4487680
CIELab	45.84, -35.78, 50.29
CIELCh	46, 61.721, 125.426
Yxy	15.1480, 0.3470, 0.5626
Android (android.graphics.Color)	4282677760 (0xFF447A00)
YUV	91.9460, -45.3294, -21.0006
Hunter-Lab	38.9204, -25.2592, 23.5404

Details

The Decimal color **4487680** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3539066**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **8040255**, and **542976** is the 20% darker color. If you saturate the color by 10%, you get **4487680**, and if you desaturate by 10%, it is **4815372**.

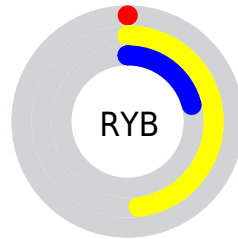
Distribution



Red (27%)

Green (48%)

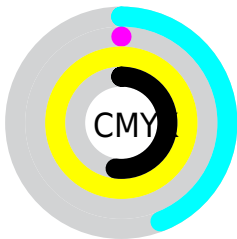
Blue (0%)



Red (0%)

Yellow (48%)

Blue (21%)

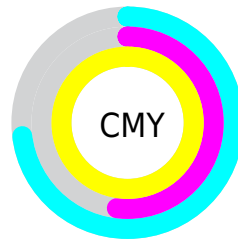


Cyan (44%)

Magenta (0%)

Yellow (100%)

Black (52%)



Cyan (73%)


Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4487680 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 4487680 by changing the saturation by 10% instead.

 4487680

 4487680

16777215

 2646272

 8040255

 542976

 9816921

 12544

 11659123

 7424

 13565838

 0

 15466410

 16777158

 16777186

 4487680

 4815372

 5208600

 5536293

 5929521

 6257213

 6584905

 6978133

 7305826

 7699054

Harmonies

Analogous

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



8088832



4487680



33087

Triad

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



4487680



32203



12988517

Complementary

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



4487680



3539066

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.



11616153



4487680



28884

Square

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



4487680



33703



7822018



12599347

Rectangle

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



4487680



33635



7822018



12792439

Sweetspot

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



4487680



9018991



8008960



4345651



13619151



5197647

Same Dimension

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



4487680



5807616



555520



3816759



4619520



9305088

Inverse Universe

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



3539066



4587678



7471226



3815229



3604605



7340284

Previews

White Background



This preview shows how the Decimal color 4487680 looks on a white background.

Color Contrast Check

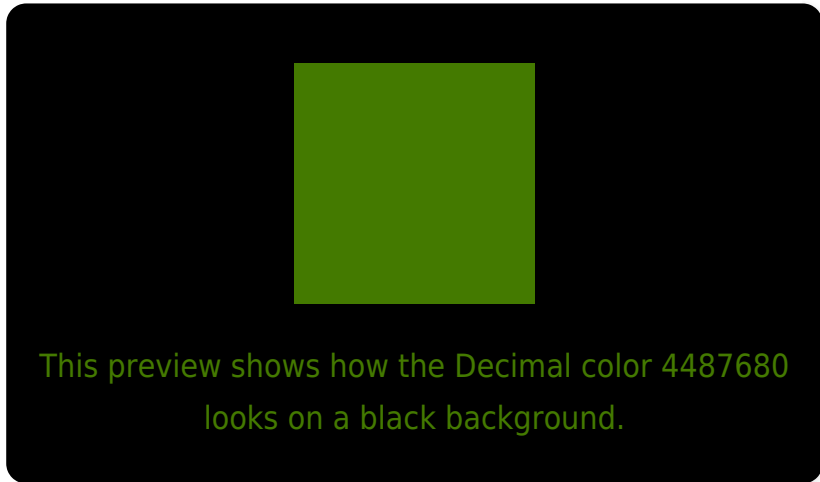
Large Text (above 18pt) WCAG AA ✓ Pass

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 4487680 Background



This preview shows how black text looks on a background with the Decimal color 4487680.



This preview shows how white text looks on a background with the Decimal color 4487680.

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
4487680

Protanopia
8023040

Deuteranopia
8939288

Trichromacy



Original Color
4487680

Protanomaly
6713600

Deuteranomaly
7302671

Tritanomaly
5141582

Monochromacy



Original Color
4487680

Achromatopsia
6052956

Achromatomaly
5465915

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4487680 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 #447A00 looks like.

```
.text, #text, p{  
  color:#447A00  
}
```

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 #447A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #447A00
}
```

Border

The CSS property to change the border of an element to Decimal 4487680 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
#447A00 }
```

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

```
.border{ border-color:#447A00 }
```

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

Here you see how a box with a 4 pixel #447A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #447A00; -webkit-box-shadow:4px 4px  
4px 4px #447A00; box-shadow:4px 4px 4px  
4px #447A00 }
```

Background

The CSS property to change the background color of an element to Decimal 4487680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#447A00 }
```

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

```
.background{ background-color:#447A00 }
```

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