

Converting Colors

Decimal(422656)

Have a look what the booklet for
Decimal(422656) contains.

Decimal(422656)	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(422656)

Conversions

Conversions Part 1

Format	Color
Hex	067300
RGB	6, 115, 0
RGB Percent	2%, 45%, 0%
CMY	0.9765, 0.5490, 1.0000
CMYK	0.95, 0.00, 1.00, 0.55
HSL	117°, 100%, 23%
HSV	117°, 100%, 45%
XYZ	6.2058, 12.3002, 2.0471
YIQ	69.2990, -28.0490, -58.8730

Conversions

Conversions Part 2

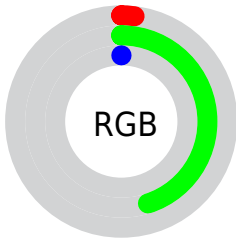
Format	Color
RYB	0, 115, 109
Decimal	422656
CIELab	41.69, -47.32, 46.28
CIELCh	42, 66.194, 135.637
Yxy	12.3002, 0.3019, 0.5985
Android (android.graphics.Color)	4278612736 (0xFF067300)
YUV	69.2990, -34.1644, -55.5132
Hunter-Lab	35.0716, -29.7902, 21.0894

Details

The Decimal color **422656** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7143539**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **5220412**, and **16640** is the 20% darker color. If you saturate the color by 10%, you get **422656**, and if you desaturate by 10%, it is **1143563**.

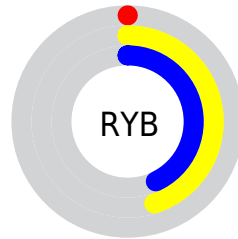
Distribution



Red (2%)

Green (45%)

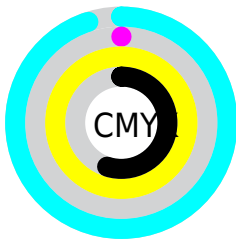
Blue (0%)



Red (0%)

Yellow (45%)

Blue (43%)

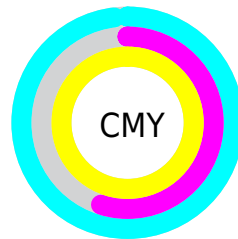


Cyan (95%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (98%)





Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 422656 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 422656 by changing the saturation by 10% instead.

 422656	 422656
 16777211	 23040
 5220412	 16640
 7062614	 11264
 8970352	 2816
 10812811	 0
 12713894	
 14614466	
 16580574	
 422656	

 1143563

 1864471

 2585379

 3306286

 3961658

 4682565

 5403473

 6124380

 6845288

Harmonies

Analogous

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



6187264



422656



30789

Triad

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



422656



28877



12589129

Complementary

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



422656



7143539

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.



11870079



422656



24781

Square

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



422656



30896



8799407



11549202

Rectangle

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



422656



31084



8799407



12522075

Sweetspot

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



422656



7116393



7564032



3296561



13421772



5066061

Same Dimension

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



422656



562688



29490



3488565



424448



915968

Inverse Universe

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



7143539



9371798



7536705



3814715



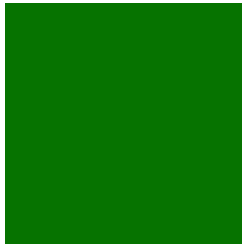
7602298



15532282

Previews

White Background



This preview shows how the Decimal color 422656 looks on a white background.

Color Contrast Check

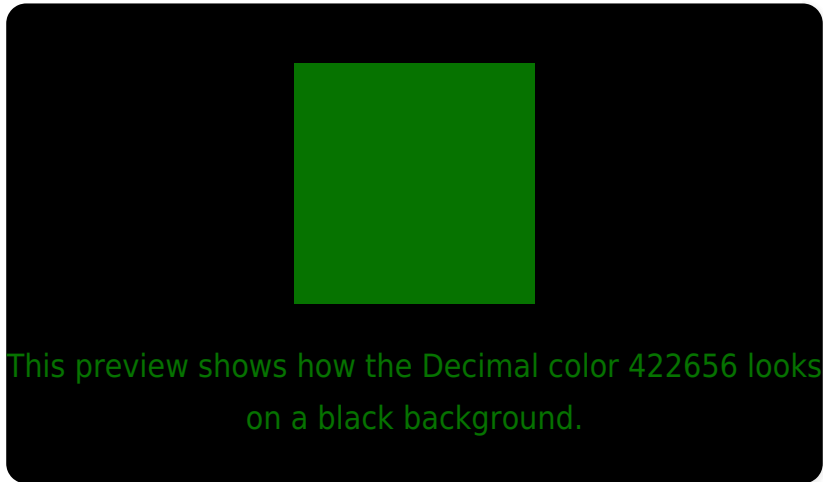
Large Text (above 18pt) WCAG AA ✓ Pass

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

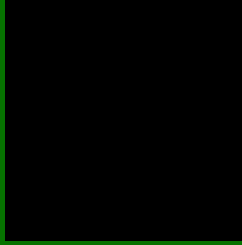
Any Text WCAG AA × Fail

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 422656 Background



This preview shows how black text looks on a background with the Decimal color 422656.



This preview shows how white text looks on a background with the Decimal color 422656.

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
422656

Protanopia
7299584

Deuteranopia
8084761

Trichromacy



Original Color

422656



Protanomaly

4810752



Deuteranomaly

5268752



Tritanomaly

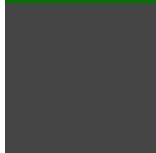
2190922

Monochromacy



Original Color

422656



Achromatopsia

4539717



Achromatomaly

3036716

CSS Examples

Text

The CSS property to change the color of the text to Decimal 422656 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 #067300 looks like.

```
.text, #text, p{  
    color:#067300  
}
```

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 #067300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #067300
}
```

Border

The CSS property to change the border of an element to Decimal 422656 is called "border". The border property can be set on classes, ids or directly on the HTML element.

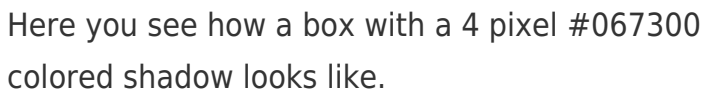
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#067300 }
```

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

```
.border{ border-color:#067300 }
```

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



Here you see how a box with a 4 pixel #067300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #067300; -webkit-box-shadow:4px 4px  
4px 4px #067300; box-shadow:4px 4px 4px  
4px #067300 }
```

Background

The CSS property to change the background color of an element to Decimal 422656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#067300 }
```

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

```
.background{ background-color:#067300 }
```

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