

Converting Colors

Decimal(4296205)

Have a look what the booklet for
Decimal(4296205) contains.

Decimal(4296205)	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(4296205)

Conversions

Conversions Part 1

Format	Color
Hex	418E0D
RGB	65, 142, 13
RGB Percent	25%, 56%, 5%
CMY	0.7451, 0.4431, 0.9490
CMYK	0.54, 0.00, 0.91, 0.44
HSL	96°, 83%, 30%
HSV	96°, 91%, 56%
XYZ	11.9256, 20.4989, 3.7089
YIQ	104.2710, -4.4830, -56.4430

Conversions

Conversions Part 2

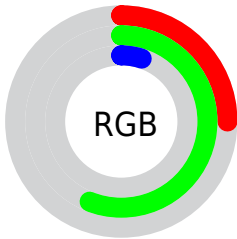
Format	Color
RYB	13, 142, 90
Decimal	4296205
CIELab	52.40, -44.50, 53.09
CIELCh	52, 69.275, 129.968
Yxy	20.4989, 0.3300, 0.5673
Android (android.graphics.Color)	4282486285 (0xFF418E0D)
YUV	104.2710, -44.9966, -34.4407
Hunter-Lab	45.2757, -32.2155, 26.8360

Details

The Decimal color **4296205** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5901710**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **7980105**, and **23296** is the 20% darker color. If you saturate the color by 10%, you get **3771904**, and if you desaturate by 10%, it is **4820507**.

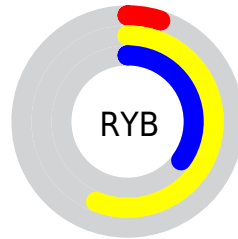
Distribution



Red (25%)

Green (56%)

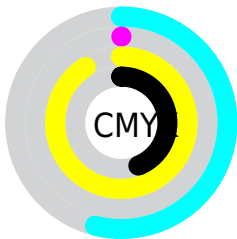
Blue (5%)



Red (5%)

Yellow (56%)

Blue (35%)

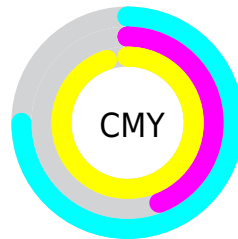


Cyan (54%)

Magenta (0%)

Yellow (91%)

Black (44%)



Cyan (75%)

Magenta (44%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4296205 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 4296205 by changing the saturation by 10% instead.



4296205



4296205

16777215



2257920



7980105



23296



9822564



16896



11730558



11264



13631386



4096



15531957



0



16777170



16777199



4296205



4296205

■ 3771904

■ 4820507

■ 5410345

■ 5934648

■ 6524486

■ 7048788

■ 7638626

■ 8162928

■ 8752767

■ 9277069

Harmonies

Analogous

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



8749312



4296205



38226

Triad

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



4296205



36589



15021932

Complementary

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



4296205



5901710

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.



13714599



4296205



32499

Square

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



4296205



38600



9921497



14241331

Rectangle

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



4296205



38779



9921497



14825344

Sweetspot

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



4296205



10139782



9328653



4873278



14408667



6052956

Same Dimension

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



4296205



4896768



888344



4409152



3573504



198656

Inverse Universe

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



5901710



7209144



9309571



4538439



5308551



327688

Previews

White Background



This preview shows how the Decimal color 4296205 looks on a white background.

Color Contrast Check

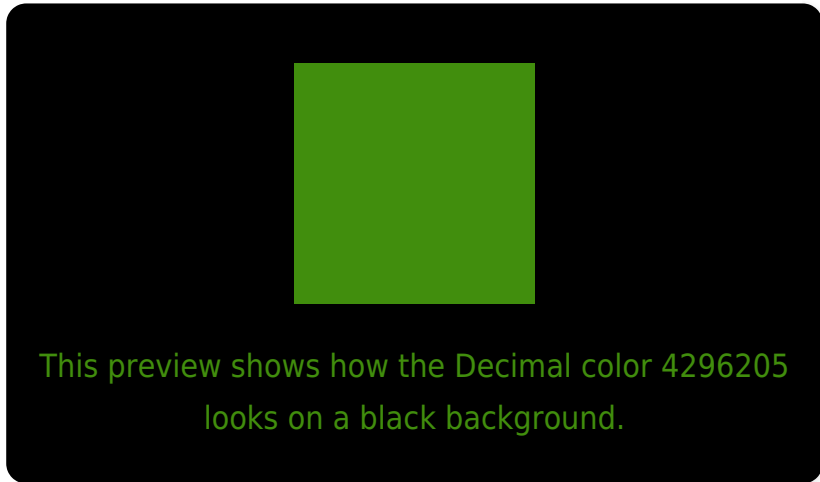
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Decimal 4296205 Background



This preview shows how black text looks on a background with the Decimal color 4296205.



This preview shows how white text looks on a background with the Decimal color 4296205.

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





Tritanopia
5604495

Trichromacy



Original Color
4296205

Protanomaly
7439109

Deuteranomaly
8093465

Tritanomaly
5146720

Monochromacy



Original Color
4296205

Achromatopsia
6842472

Achromatomaly
5928519

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4296205 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 #418E0D looks like.

```
.text, #text, p{  
    color:#418E0D  
}
```

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 #418E0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #418E0D
}
```

Border

The CSS property to change the border of an element to Decimal 4296205 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
#418E0D }
```

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

```
.border{ border-color:#418E0D }
```

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

Here you see how a box with a 4 pixel #418E0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #418E0D; -webkit-box-shadow:4px 4px  
4px 4px #418E0D; box-shadow:4px 4px 4px  
4px #418E0D }
```

Background

The CSS property to change the background color of an element to Decimal 4296205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#418E0D }
```

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

```
.background{ background-color:#418E0D }
```

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