

Converting Colors

Decimal(4291840)

Have a look what the booklet for
Decimal(4291840) contains.

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Color

Decimal(4291840)

Conversions

Conversions Part 1

Format	Color
Hex	417D00
RGB	65, 125, 0
RGB Percent	25%, 49%, 0%
CMY	0.7451, 0.5098, 1.0000
CMYK	0.48, 0.00, 1.00, 0.51
HSL	89°, 100%, 25%
HSV	89°, 100%, 49%
XYZ	9.5136, 15.7910, 2.5466
YIQ	92.8100, 4.3650, -51.5950

Conversions

Conversions Part 2

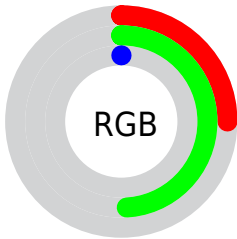
Format	Color
RYB	0, 125, 60
Decimal	4291840
CIELab	46.70, -38.10, 50.91
CIELCh	47, 63.587, 126.815
Yxy	15.7910, 0.3416, 0.5670
Android (android.graphics.Color)	4282481920 (0xFF417D00)
YUV	92.8100, -45.7553, -24.3894
Hunter-Lab	39.7380, -26.8071, 24.0170

Details

The Decimal color **4291840** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3932285**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **7844416**, and **19200** is the 20% darker color. If you saturate the color by 10%, you get **4291840**, and if you desaturate by 10%, it is **4685068**.

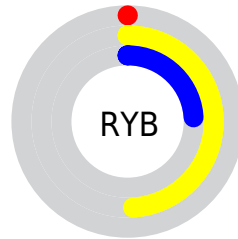
Distribution



Red (25%)

Green (49%)

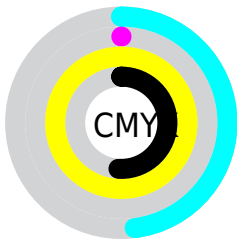
Blue (0%)



Red (0%)

Yellow (49%)

Blue (24%)

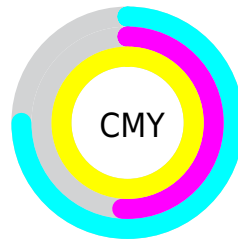


Cyan (48%)

Magenta (0%)

Yellow (100%)

Black (51%)



Cyan (75%)

















Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4291840 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 4291840 by changing the saturation by 10% instead.

 4291840	 4291840
 16777215	 2384896
 7844416	 19200
 9686618	 13312
 11528820	 7936
 13434767	 0
 15335339	
 16777159	
 16777187	
 4291840	

 4685068

 5078297

 5471526

 5864754

 6257983

 6651211

 7044439

 7437668

 7830897

Harmonies

Analogous

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



8089600



4291840



33858

Triad

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



4291840



32721



13381477

Complementary

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



4291840



3932285

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.



12009114



4291840



29146

Square

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



4291840



34222



8280773



12862001

Rectangle

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



4291840



34407



8280773



13119863

Sweetspot

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



4291840



9216882



8206848



4411956



13750737



5395026

Same Dimension

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



4291840



5612288



294144



4014137



4358144



0

Inverse Universe

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



3932285



5111971



7929981



3946816



3997824



0

Previews

White Background



This preview shows how the Decimal color 4291840 looks on a white background.

Color Contrast Check

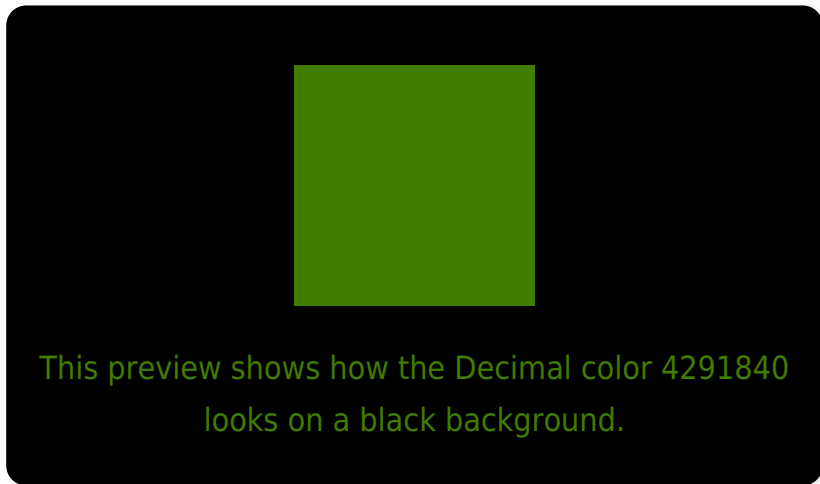
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291840 Background



This preview shows how black text looks on a background with the Decimal color 4291840.




This preview shows how white text looks on a background with the Decimal color 4291840.

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
5338238

Trichromacy



Original Color
4291840

Protanomaly
6779904

Deuteranomaly
7368720

Tritanomaly
4945744

Monochromacy



Original Color
4291840

Achromatopsia
6118749

Achromatomaly
5466427

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4291840 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 #417D00 looks like.

```
.text, #text, p{  
    color:#417D00  
}
```

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 #417D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #417D00
}
```

Border

The CSS property to change the border of an element to Decimal 4291840 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".

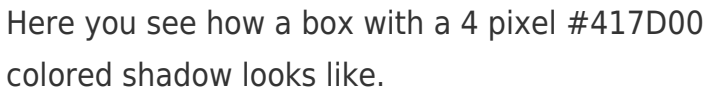
```
.border, #border, table{ border:4px solid
#417D00 }
```

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

```
.border{ border-color:#417D00 }
```

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

Here you see how a box with a 4 pixel #417D00 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #417D00; -webkit-box-shadow:4px 4px  
4px 4px #417D00; box-shadow:4px 4px 4px  
4px #417D00 }
```

Background

The CSS property to change the background color of an element to Decimal 4291840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#417D00 }
```

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

```
.background{ background-color:#417D00 }
```

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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