

Converting Colors

Decimal(4019201)

Have a look what the booklet for
Decimal(4019201) contains.

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Color

Decimal(4019201)

Conversions

Conversions Part 1

Format	Color
Hex	3D5401
RGB	61, 84, 1
RGB Percent	24%, 33%, 0%
CMY	0.7608, 0.6706, 0.9961
CMYK	0.27, 0.00, 0.99, 0.67
HSL	77°, 98%, 17%
HSV	77°, 99%, 33%
XYZ	5.1003, 7.3349, 1.1757
YIQ	67.6610, 12.9350, -30.6890

Conversions

Conversions Part 2

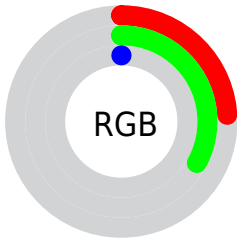
Format	Color
RYB	1, 84, 24
Decimal	4019201
CIELab	32.56, -20.71, 39.51
CIELCh	33, 44.612, 117.658
Yxy	7.3349, 0.3747, 0.5389
Android (android.graphics.Color)	4282209281 (0xFF3D5401)
YUV	67.6610, -32.8639, -5.8417
Hunter-Lab	27.0831, -13.7804, 16.3844

Details

The Decimal color **4019201** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1573204**, and the grayscale version is **4473924**.

A 20% lighter version of the original color is **7374390**, and **730880** is the 20% darker color. If you saturate the color by 10%, you get **4019200**, and if you desaturate by 10%, it is **4150281**.

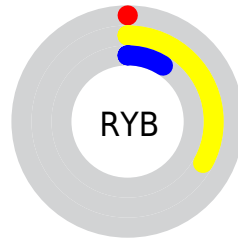
Distribution



Red (24%)

Green (33%)

Blue (0%)



Red (0%)

Yellow (33%)

Blue (9%)

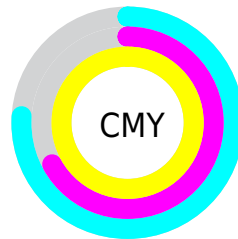


Cyan (27%)

Magenta (0%)

Yellow (99%)

Black (67%)



Cyan (76%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4019201 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 4019201 by changing the saturation by 10% instead.

 4019201

 4019201

 16777200

 2505984

 7374390

 730880

 9085007

 4096

 10861416

 0

 12703618

 14545820

 16449464

 16777172

 4019201

 4019201

■ 4019200

■ 4150281

■ 4346898

■ 4477978

■ 4609059

■ 4805675

■ 4936755

■ 5067836

■ 5264452

■ 5395533

Harmonies

Analogous

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



6244864



4019201



23076

Triad

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



4019201



22920



8922961

Complementary

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



4019201



1573204

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.



7615347



4019201



21139

Square

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



4019201



23660



4539531



8989742

Rectangle

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



4019201



23612



4539531



8661597

Sweetspot

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



4019201



6647373



5510913



3356708



12105912



3684408

Same Dimension

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



4019201



5205504



1332225



2631973



5007616



11069440

Inverse Universe

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



1573204



1966190



4260180



2499881



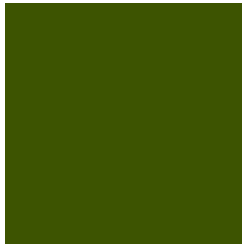
1900649



4194536

Previews

White Background



This preview shows how the Decimal color 4019201 looks on a white background.

Color Contrast Check

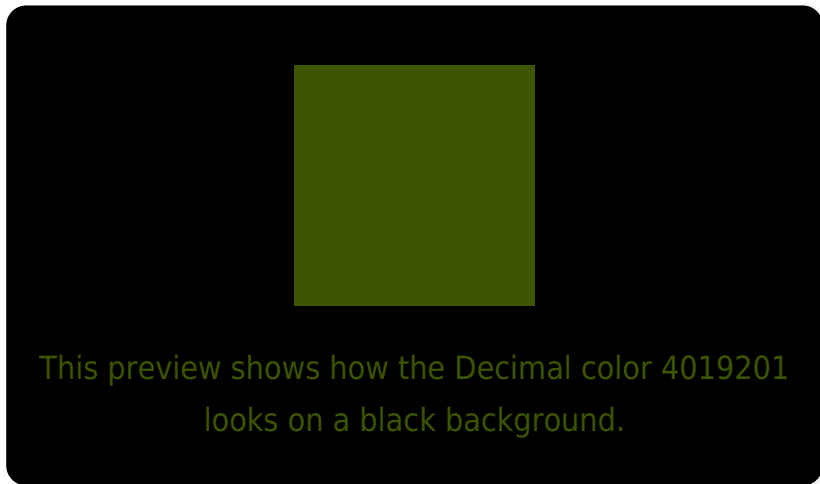
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

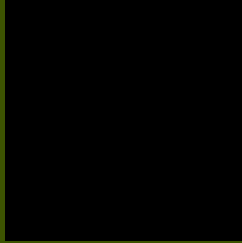
Any Text WCAG AA × Fail

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 4019201 Background



This preview shows how black text looks on a background with the Decimal color 4019201.



This preview shows how white text looks on a background with the Decimal color 4019201.

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
4019201

Protanopia
5655808

Deuteranopia
6375696



Tritanopia
4542036

Trichromacy



Original Color
4019201

Protanomaly
5066752

Deuteranomaly
5524747

Tritanomaly
4345910

Monochromacy



Original Color
4019201

Achromatopsia
4473924

Achromatomaly
4278828

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4019201 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 #3D5401 looks like.

```
.text, #text, p{  
  color:#3D5401  
}
```

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 #3D5401 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D5401
}
```

Border

The CSS property to change the border of an element to Decimal 4019201 is called "border". The border property can be set on classes, ids or directly on the HTML element.

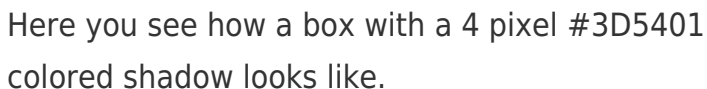
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D5401 }
```

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

```
.border{ border-color:#3D5401 }
```

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



Here you see how a box with a 4 pixel #3D5401 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D5401; -webkit-box-shadow:4px 4px  
4px 4px #3D5401; box-shadow:4px 4px 4px  
4px #3D5401 }
```

Background

The CSS property to change the background color of an element to Decimal 4019201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D5401 }
```

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

```
.background{ background-color:#3D5401 }
```

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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