

Converting Colors

Decimal(4016501)

Have a look what the booklet for
Decimal(4016501) contains.

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Color

Decimal(4016501)

Conversions

Conversions Part 1

Format	Color
Hex	3D4975
RGB	61, 73, 117
RGB Percent	24%, 29%, 46%
CMY	0.7608, 0.7137, 0.5412
CMYK	0.48, 0.38, 0.00, 0.54
HSL	227°, 31%, 35%
HSV	227°, 48%, 46%
XYZ	7.5179, 7.0415, 17.7925
YIQ	74.4280, -21.2760, 11.1400

Conversions

Conversions Part 2

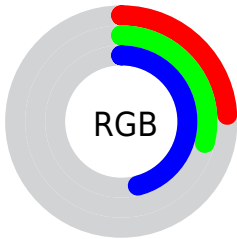
Format	Color
R_{YB}	61, 71, 117
Decimal	4016501
CIE _{Lab}	31.90, 8.16, -26.75
CIE _{LCh}	32, 27.970, 286.958
Yxy	7.0415, 0.2324, 0.2177
Android (android.graphics.Color)	4282206581 (0xFF3D4975)
YUV	74.4280, 20.9880, -11.7764
Hunter-Lab	26.5359, 4.1331, -21.1793

Details

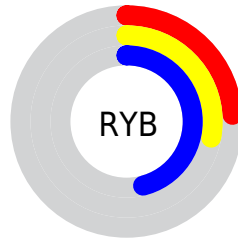
The Decimal color **4016501** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7694653**, and the grayscale version is **4868682**.

A 20% lighter version of the original color is **7371177**, and **532036** is the 20% darker color. If you saturate the color by 10%, you get **3227765**, and if you desaturate by 10%, it is **4805237**.

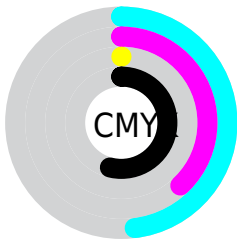
Distribution



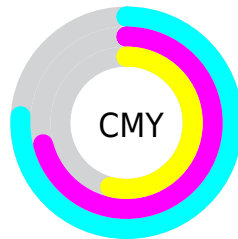
- Red (24%)
- Green (29%)
- Blue (46%)



- Red (24%)
- Yellow (28%)
- Blue (46%)



- Cyan (48%)
- Magenta (38%)
- Yellow (0%)
- Black (54%)



- Cyan (76%)
- Magenta (71%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4016501 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 4016501 by changing the saturation by 10% instead.

■ 4016501

■ 4016501

16777215

■ 2372444

■ 7371177

■ 532036

■ 9081797

■ 1070

■ 10858209

■ 281

■ 12634622

■ 0

■ 14542335

■ 16449535

■ 4016501

■ 4016501

■ 3227765

■ 4805237

■ 2504565

■ 5528437

■ 1715573

■ 6317429

■ 926837

■ 7106165

■ 203637

■ 7894901

■ 6517

■ 8618101

■ 9406837

■ 10195829

■ 10919029

Harmonies

Analogous

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



20598



4016501



6111337

Triad

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



4016501



7290412



742976

Complementary

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



4016501



7694653

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.



3363628



4016501



6309408

Square

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



4016501



7682367



5000735



22103

Rectangle

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



4016501



6962269



5000735



1922361

Sweetspot

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



4016501



8685721



4027753



4145741



13421772



5066061

Same Dimension

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



4016501



4347033



5062005



3487291



6778



14074

Inverse Universe

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



7683401



10043988



6649149



3880246



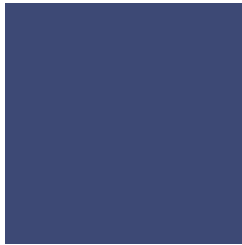
7995418



16384054

Previews

White Background



This preview shows how the Decimal color 4016501 looks on a white background.

Color Contrast Check

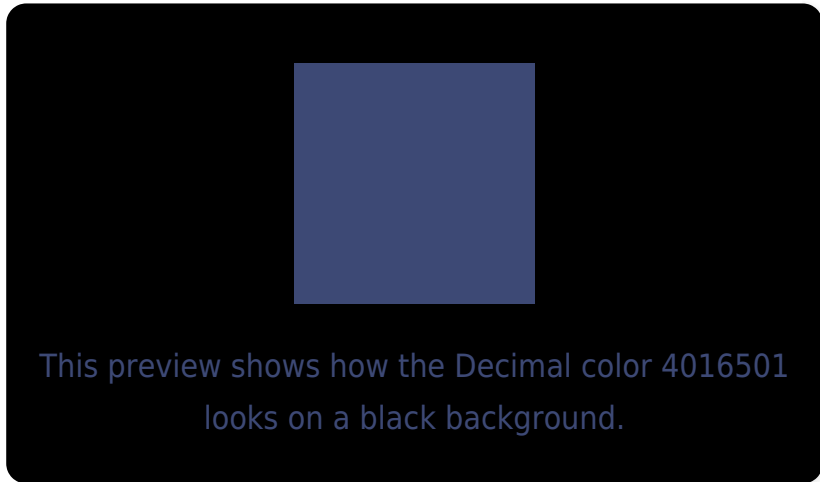
Large Text (above 18pt) WCAG AA ✓ Pass

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 4016501 Background



This preview shows how black text looks on a background with the Decimal color 4016501.



This preview shows how white text looks on a background with the Decimal color 4016501.

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](#).

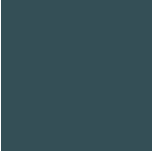
Dichromacy



Original Color
4016501

Protanopia
3885685

Deuteranopia
3492725



Tritanopia
3428182

Trichromacy



Original Color
4016501

Protanomaly
3951221

Deuteranomaly
3689077

Tritanomaly
3624289

Monochromacy



Original Color
4016501

Achromatopsia
4868682

Achromatomaly
4541018

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4016501 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 #3D4975 looks like.

```
.text, #text, p{  
  color:#3D4975  
}
```

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 #3D4975 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D4975
}
```

Border

The CSS property to change the border of an element to Decimal 4016501 is called "border". The border property can be set on classes, ids or directly on the HTML element.

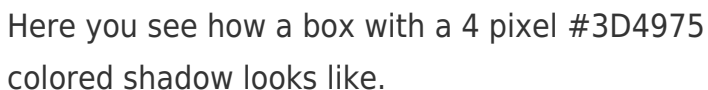
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D4975 }
```

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

```
.border{ border-color:#3D4975 }
```

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



Here you see how a box with a 4 pixel #3D4975 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D4975; -webkit-box-shadow:4px 4px  
4px 4px #3D4975; box-shadow:4px 4px 4px  
4px #3D4975 }
```

Background

The CSS property to change the background color of an element to Decimal 4016501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D4975 }
```

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

```
.background{ background-color:#3D4975 }
```

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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