

Converting Colors

Decimal(3676301)

Have a look what the booklet for
Decimal(3676301) contains.

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Color

Decimal(3676301)

Conversions

Conversions Part 1

Format	Color
Hex	38188D
RGB	56, 24, 141
RGB Percent	22%, 9%, 55%
CMY	0.7804, 0.9059, 0.4471
CMYK	0.60, 0.83, 0.00, 0.45
HSL	256°, 71%, 32%
HSV	256°, 83%, 55%
XYZ	6.7652, 3.4171, 25.5023
YIQ	46.9060, -18.4850, 43.1710

Conversions

Conversions Part 2

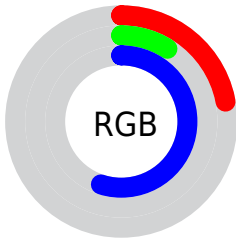
Format	Color
RYB	56, 24, 141
Decimal	3676301
CIELab	21.64, 44.96, -58.38
CIELCh	22, 73.689, 307.601
Yxy	3.4171, 0.1896, 0.0958
Android (android.graphics.Color)	4281866381 (0xFF38188D)
YUV	46.9060, 46.3883, 7.9754
Hunter-Lab	18.4854, 32.9774, -68.8561

Details

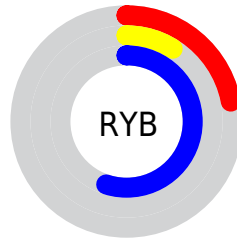
The Decimal color **3676301** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **7179544**, and the grayscale version is **3026478**.

A 20% lighter version of the original color is **7489988**, and **90** is the 20% darker color. If you saturate the color by 10%, you get **3017357**, and if you desaturate by 10%, it is **4335245**.

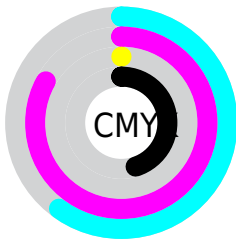
Distribution



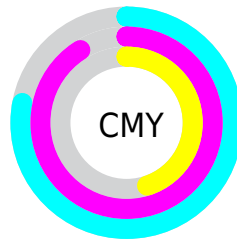
- Red (22%)
- Green (9%)
- Blue (55%)



- Red (22%)
- Yellow (9%)
- Blue (55%)



- Cyan (60%)
- Magenta (83%)
- Yellow (0%)
- Black (45%)



- Cyan (78%)
- Magenta (91%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3676301 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 3676301 by changing the saturation by 10% instead.



3676301



3676301

16777215



1310835



7489988



90



9331424



65



11238397



810



13145855



276



15053311



0



16764415



16771583



3676301



3676301

■ 3017357

■ 4335245

■ 2556045

■ 4994189

■ 5718669

■ 6377613

■ 7036813

■ 7695757

■ 8420237

■ 9079181

■ 9738125

Harmonies

Analogous

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



14756



3676301



7995487

Triad

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



3676301



6299136



17985

Complementary

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



3676301



7179544

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.



17409



3676301



3421952

Square

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



3676301



8323072



16640



18295

Rectangle

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



3676301



8978491



16640



17966

Sweetspot

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



3676301



9865912



1601165



4735068



14408667



6052956

Same Dimension

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



3676301



3276984



7477389



4341831



2424967



131080

Inverse Universe

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



9246829



12058757



3378456



4669509



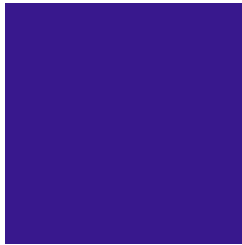
8847458



524294

Previews

White Background



This preview shows how the Decimal color 3676301 looks on a white background.

Color Contrast Check

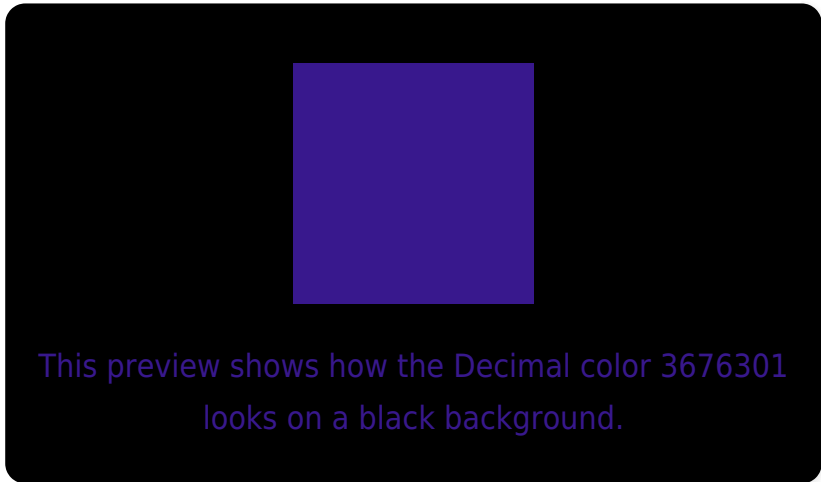
Large Text (above 18pt) WCAG AA ✓ Pass

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

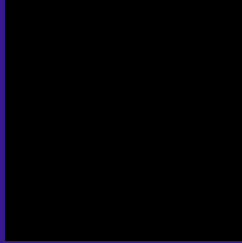
Any Text WCAG AA × Fail

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 3676301 Background



This preview shows how black text looks on a background with the Decimal color 3676301.



This preview shows how white text looks on a background with the Decimal color 3676301.

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](#).

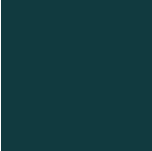
Dichromacy



Original Color
3676301

Protanopia
13163

Deuteranopia
13916



Tritanopia
1129023

Trichromacy



Original Color
3676301

Protanomaly
1321335

Deuteranomaly
1321838

Tritanomaly
2043483

Monochromacy



Original Color
3676301

Achromatopsia
3092271

Achromatomaly
3286865

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3676301 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 #38188D looks like.

```
.text, #text, p{  
    color:#38188D  
}
```

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 #38188D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38188D
}
```

Border

The CSS property to change the border of an element to Decimal 3676301 is called "border". The border property can be set on classes, ids or directly on the HTML element.

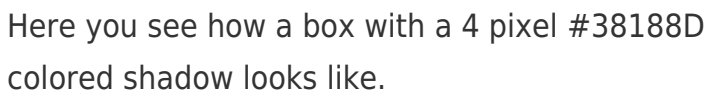
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#38188D }
```

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

```
.border{ border-color:#38188D }
```

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



Here you see how a box with a 4 pixel #38188D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38188D; -webkit-box-shadow:4px 4px  
4px 4px #38188D; box-shadow:4px 4px 4px  
4px #38188D }
```

Background

The CSS property to change the background color of an element to Decimal 3676301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38188D }
```

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

```
.background{ background-color:#38188D }
```

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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