

Converting Colors

Decimal(3676982)

Have a look what the booklet for
Decimal(3676982) contains.

Decimal(3676982)	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(3676982)

Conversions

Conversions Part 1

Format	Color
Hex	381B36
RGB	56, 27, 54
RGB Percent	22%, 11%, 21%
CMY	0.7804, 0.8941, 0.7882
CMYK	0.00, 0.52, 0.04, 0.78
HSL	304°, 35%, 16%
HSV	304°, 52%, 22%
XYZ	2.6887, 1.8910, 3.7133
YIQ	38.7490, 8.6170, 14.5450

Conversions

Conversions Part 2

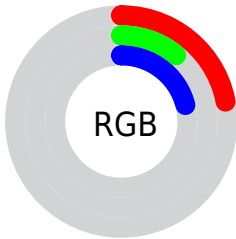
Format	Color
RYB	56, 27, 54
Decimal	3676982
CIELab	14.90, 19.14, -11.57
CIELCh	15, 22.368, 328.837
Yxy	1.8910, 0.3242, 0.2280
Android (android.graphics.Color)	4281867062 (0xFF381B36)
YUV	38.7490, 7.5187, 15.1291
Hunter-Lab	13.7512, 10.8361, -6.3845

Details

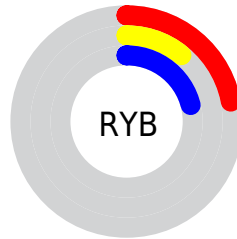
The Decimal color **3676982** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1783837**, and the grayscale version is **2565927**.

A 20% lighter version of the original color is **6834277**, and **7** is the 20% darker color. If you saturate the color by 10%, you get **3675446**, and if you desaturate by 10%, it is **3678518**.

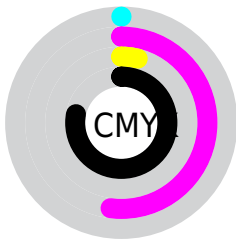
Distribution



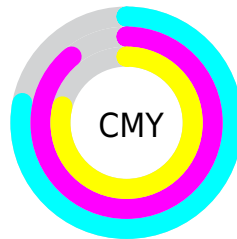
- Red (22%)
- Green (11%)
- Blue (21%)



- Red (22%)
- Yellow (11%)
- Blue (21%)



- Cyan (0%)
- Magenta (52%)
- Yellow (4%)
- Black (78%)



- Cyan (78%)
- Magenta (89%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3676982 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 3676982 by changing the saturation by 10% instead.



3676982



3676982

16777215



2294817



6834277



7



8478846



0



10254744



12030642



13807054



15714794



16770559



3676982



3676982

■ 3675446

■ 3678518

■ 3674165

■ 3679799

■ 3672629

■ 3681335

■ 3671348

■ 3682616

■ 3670068

■ 3684152

■ 3685688

■ 3686969

■ 3688505

■ 3689785

Harmonies

Analogous

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



2433601



3676982



4265767

Triad

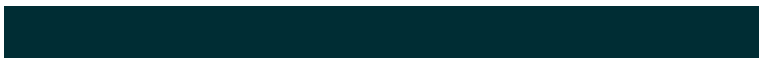
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3676982



3089408



11572

Complementary

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



3676982



1783837

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.



11556



3676982



2042117

Square

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



3676982



3874311



601108



11072

Rectangle

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



3676982



4331548



601108



11567

Sweetspot

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



3676982



4865609



1907512



2498342



10921638



2500134

Same Dimension

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



3676982



4856903



3676968



1841436



6029397



14352588

Inverse Universe

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



3676982



4856903



1783851



1841436



6029397



14352588

Previews

White Background



This preview shows how the Decimal color 3676982 looks on a white background.

Color Contrast Check

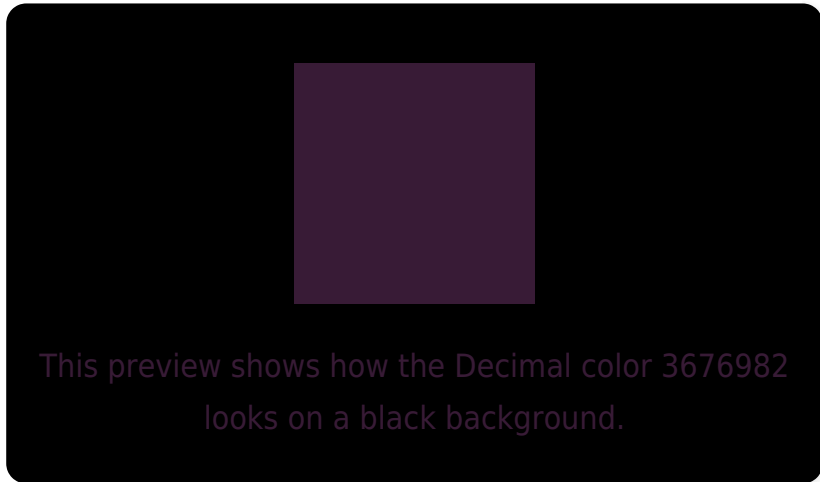
Large Text (above 18pt) WCAG AA ✓ Pass

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

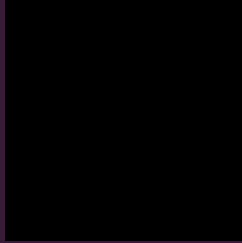
Any Text WCAG AA × Fail

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 3676982 Background



This preview shows how black text looks on a background with the Decimal color 3676982.



This preview shows how white text looks on a background with the Decimal color 3676982.

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
3676982

Protanopia
1844543

Deuteranopia
2238004



Tritanopia
3547170

Trichromacy



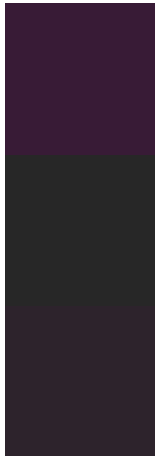
Original Color
3676982

Protanomaly
2498876

Deuteranomaly
2761269

Tritanomaly
3612201

Monochromacy



Original Color
3676982

Achromatopsia
2565927

Achromatomaly
2958124

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3676982 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 #381B36 looks like.

```
.text, #text, p{  
  color:#381B36  
}
```

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 #381B36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #381B36
}
```

Border

The CSS property to change the border of an element to Decimal 3676982 is called "border". The border property can be set on classes, ids or directly on the HTML element.

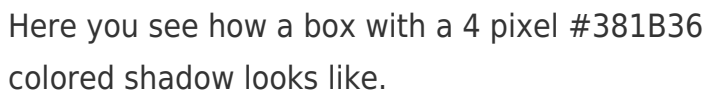
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#381B36 }
```

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

```
.border{ border-color:#381B36 }
```

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



Here you see how a box with a 4 pixel #381B36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #381B36; -webkit-box-shadow:4px 4px  
4px 4px #381B36; box-shadow:4px 4px 4px  
4px #381B36 }
```

Background

The CSS property to change the background color of an element to Decimal 3676982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#381B36 }
```

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

```
.background{ background-color:#381B36 }
```

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