

Converting Colors

Decimal(4076116)

Have a look what the booklet for
Decimal(4076116) contains.

Decimal(4076116)	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(4076116)

Conversions

Conversions Part 1

Format	Color
Hex	3E3254
RGB	62, 50, 84
RGB Percent	24%, 20%, 33%
CMY	0.7569, 0.8039, 0.6706
CMYK	0.26, 0.40, 0.00, 0.67
HSL	261°, 25%, 26%
HSV	261°, 40%, 33%
XYZ	4.7274, 3.9454, 8.8999
YIQ	57.4640, -3.7620, 13.1180

Conversions

Conversions Part 2

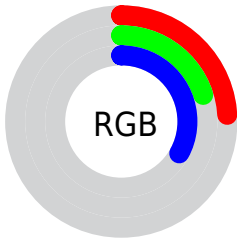
Format	Color
RYB	62, 50, 84
Decimal	4076116
CIELab	23.49, 13.66, -18.71
CIELCh	23, 23.168, 306.138
Yxy	3.9454, 0.2690, 0.2245
Android (android.graphics.Color)	4282266196 (0xFF3E3254)
YUV	57.4640, 13.0822, 3.9781
Hunter-Lab	19.8631, 7.7228, -12.6614

Details

The Decimal color **4076116** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4740146**, and the grayscale version is **3750201**.

A 20% lighter version of the original color is **7233670**, and **1311783** is the 20% darker color. If you saturate the color by 10%, you get **3746388**, and if you desaturate by 10%, it is **4405844**.

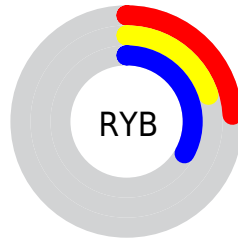
Distribution



 Red (24%)

 Green (20%)

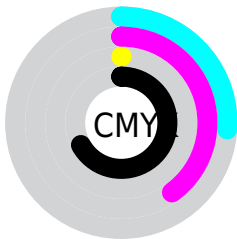
 Blue (33%)



 Red (24%)

 Yellow (20%)

 Blue (33%)

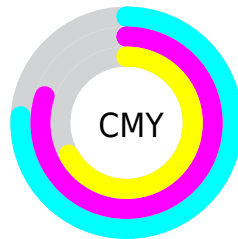


 Cyan (26%)

 Magenta (40%)

 Yellow (0%)

 Black (67%)



 Cyan (76%)

 Magenta (80%)

 Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4076116 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 4076116 by changing the saturation by 10% instead.

■ 4076116

■ 4076116

16777215

■ 2563389

■ 7233670

■ 1311783

■ 8944032

■ 273

■ 10654651

■ 0

■ 12496599

■ 14338547

■ 16180735

■ 4076116

■ 4076116

■ 3746388

■ 4405844

■ 3350868

■ 4801364

■ 3021140

■ 5131092

■ 2625620

■ 5526612

■ 2295892

■ 5856340

■ 1966164

■ 6251604

■ 6581588

■ 6911316

■ 7306836

Harmonies

Analogous

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



2177370



4076116



5254214

Triad

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



4076116



5059096



16699

Complementary

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



4076116



4740146

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.



1327145



4076116



4143124

Square

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



4076116



5712932



2964763



16460

Rectangle

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



4076116



5712443



2964763



16693

Sweetspot

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



4076116



6643822



3295316



3354680



12105912



3684408

Same Dimension

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



4076116



4929646



5190228



2499881



2424937



5374184

Inverse Universe

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



5517896



7223387



3626034



2696487



6881348



15204502

Previews

White Background



This preview shows how the Decimal color 4076116 looks on a white background.

Color Contrast Check

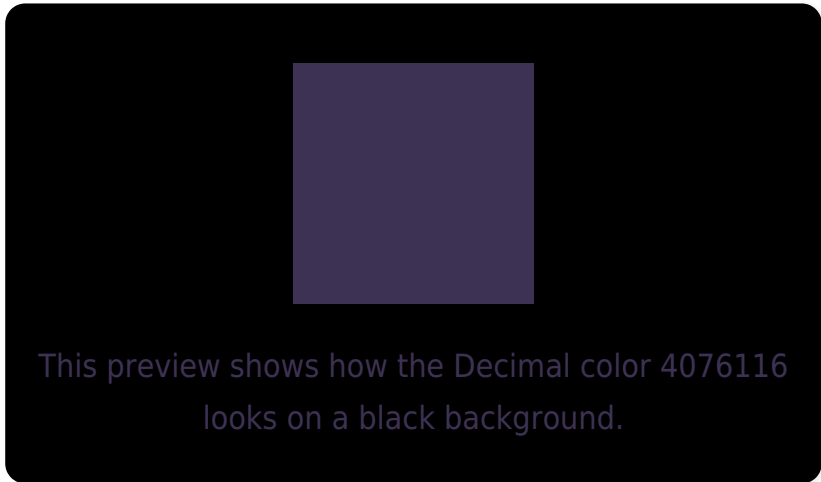
Large Text (above 18pt) WCAG AA ✓ Pass

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

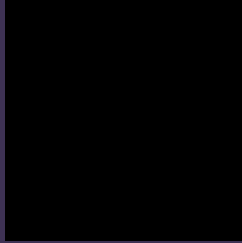
Any Text WCAG AA × Fail

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 4076116 Background



This preview shows how black text looks on a background with the Decimal color 4076116.

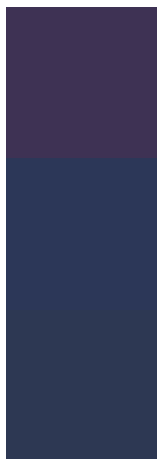


This preview shows how white text looks on a background with the Decimal color 4076116.

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


4076116

Protanopia

2897752

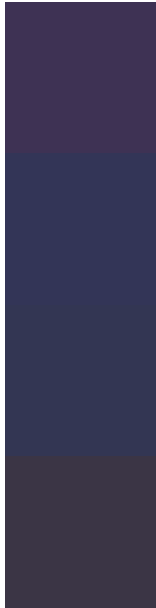
Deuteranopia

2963539



Tritanopia
3749692

Trichromacy



Original Color
4076116

Protanomaly
3355991

Deuteranomaly
3356243

Tritanomaly
3880261

Monochromacy



Original Color
4076116

Achromatopsia
3750201

Achromatomaly
3880515

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4076116 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 #3E3254 looks like.

```
.text, #text, p{  
  color:#3E3254  
}
```

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 #3E3254 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E3254
}
```

Border

The CSS property to change the border of an element to Decimal 4076116 is called "border". The border property can be set on classes, ids or directly on the HTML element.

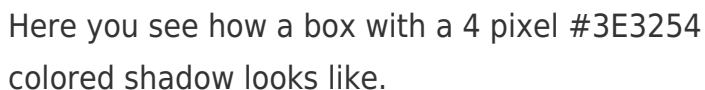
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E3254 }
```

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

```
.border{ border-color:#3E3254 }
```

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



Here you see how a box with a 4 pixel #3E3254 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E3254; -webkit-box-shadow:4px 4px  
4px 4px #3E3254; box-shadow:4px 4px 4px  
4px #3E3254 }
```

Background

The CSS property to change the background color of an element to Decimal 4076116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E3254 }
```

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

```
.background{ background-color:#3E3254 }
```

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