

# Converting Colors

Decimal(4080176)

Have a look what the booklet for  
Decimal(4080176) contains.

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# Color

**Decimal(4080176)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3E4230
RGB	62, 66, 48
RGB Percent	24%, 26%, 19%
CMY	0.7569, 0.7412, 0.8118
CMYK	0.06, 0.00, 0.27, 0.74
HSL	73°, 16%, 22%
HSV	73°, 27%, 26%
XYZ	4.4683, 5.1340, 3.5518
YIQ	62.7520, 3.3940, -6.4460

# Conversions

## Conversions Part 2

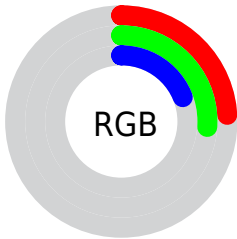
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 66, 52
Decimal	4080176
CIELab	27.11, -5.38, 10.43
CIELCh	27, 11.733, 117.269
Yxy	5.1340, 0.3397, 0.3903
Android (android.graphics.Color)	4282270256 (0xFF3E4230)
YUV	62.7520, -7.2727, -0.6595
Hunter-Lab	22.6582, -4.4508, 6.5669

# Details

The Decimal color **4080176** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3420226**, and the grayscale version is **4144959**.

A 20% lighter version of the original color is **7238238**, and **1382144** is the 20% darker color. If you saturate the color by 10%, you get **4014633**, and if you desaturate by 10%, it is **4145719**.

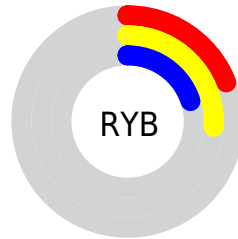
# Distribution



Red (24%)

Green (26%)

Blue (19%)



Red (19%)

Yellow (26%)

Blue (20%)

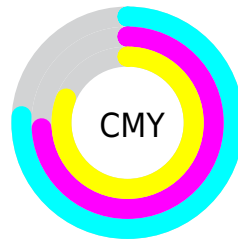


Cyan (6%)

Magenta (0%)

Yellow (27%)

Black (74%)



Cyan (76%)

Magenta (74%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4080176 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 4080176 by changing the saturation by 10% instead.





4080176



4080176

16777215



2632731



7238238



1382144



8883063



0



10593937



12370347



14212550



16120290



4080176



4080176



4014633



4145719

■ 3883555

■ 4276797

■ 3818012

■ 4342340

■ 3686934

■ 4473418

■ 3621391

■ 4538961

■ 3490312

■ 4670040

■ 3424770

■ 4735582

■ 3359232

■ 4866661

■ 4932203

# Harmonies

## Analogous

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



4734766



4080176



3425334

# Triad

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



4080176



2769999



5323329

# Complementary

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



4080176



3420226

# 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.



4930378



4080176



3424594

# Square

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



4080176



2508104



4210256



5388856

# Rectangle

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



4080176



2966844



4210256



5257796



# Sweetspot

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



4080176



5592912



4338736



2763559



11250603



2829099



# Same Dimension

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



4080176



5265210



3490352



2105630



4940032



11526144



# Inverse Universe

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



3420226



4209239



4010050



2039329



1441889

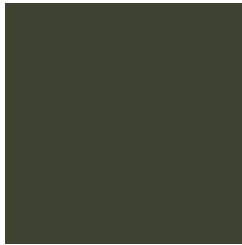


3277024



# Previews

## White Background



This preview shows how the Decimal color 4080176 looks on a white background.

## Color Contrast Check

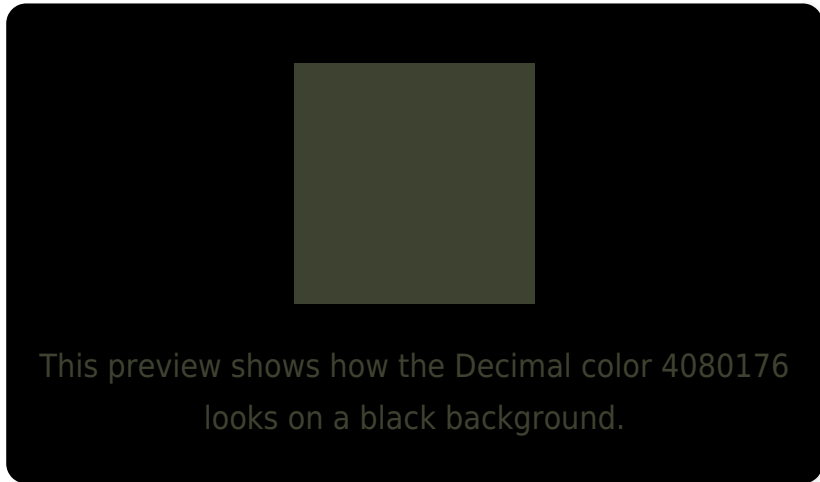
Large Text (above 18pt) WCAG AA ✓ Pass

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

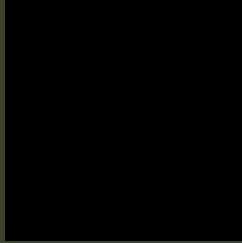
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

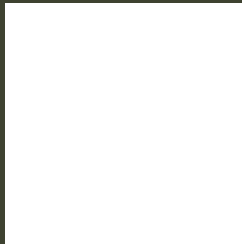
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4080176 Background



This preview shows how black text looks on a background with the Decimal color 4080176.

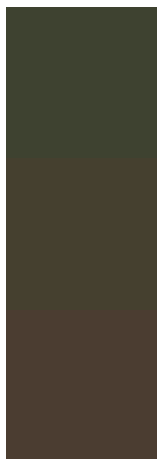


This preview shows how white text looks on a background with the Decimal color 4080176.

# 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**

4080176

**Protanopia**

4538415

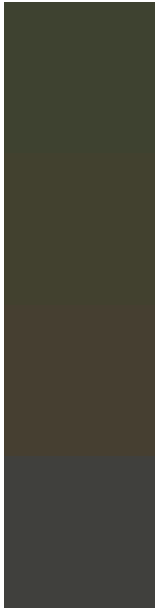
**Deuteranopia**

4930865



**Tritanopia**  
4276036

# Trichromacy



**Original Color**

4080176

**Protanomaly**

4342063

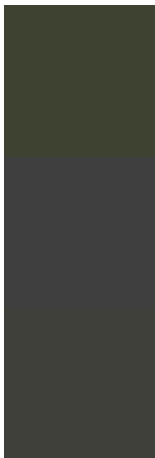
**Deuteranomaly**

4603697

**Tritanomaly**

4210749

# Monochromacy



**Original Color**

4080176

**Achromatopsia**

4144959

**Achromatomaly**

4145210

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4080176 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 #3E4230 looks like.

```
.text, #text, p{  
  color:#3E4230  
}
```

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 #3E4230 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E4230
}
```

## Border

The CSS property to change the border of an element to Decimal 4080176 is called "border". The border property can be set on classes, ids or directly on the HTML element.

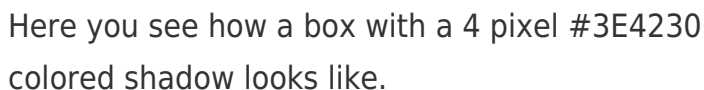
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E4230 }
```

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

```
.border{ border-color:#3E4230 }
```

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



Here you see how a box with a 4 pixel #3E4230 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E4230; -webkit-box-shadow:4px 4px  
4px 4px #3E4230; box-shadow:4px 4px 4px  
4px #3E4230 }
```

# Background

The CSS property to change the background color of an element to Decimal 4080176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E4230 }
```

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

```
.background{ background-color:#3E4230 }
```

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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