

Converting Colors

Decimal(4013368)

Have a look what the booklet for
Decimal(4013368) contains.

Decimal(4013368)	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(4013368)

Conversions

Conversions Part 1

Format	Color
Hex	3D3D38
RGB	61, 61, 56
RGB Percent	24%, 24%, 22%
CMY	0.7608, 0.7608, 0.7804
CMYK	0.00, 0.00, 0.08, 0.76
HSL	60°, 4%, 23%
HSV	60°, 8%, 24%
XYZ	4.3070, 4.6151, 4.4052
YIQ	60.4300, 1.6050, -1.5550

Conversions

Conversions Part 2

Format	Color
RYB	56, 61, 56
Decimal	4013368
CIELab	25.61, -1.09, 3.08
CIELCh	26, 3.267, 109.489
Yxy	4.6151, 0.3232, 0.3463
Android (android.graphics.Color)	4282203448 (0xFF3D3D38)
YUV	60.4300, -2.1840, 0.4999
Hunter-Lab	21.4828, -1.8080, 2.8802

Details

The Decimal color **4013368** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3684413**, and the grayscale version is **3947580**.

A 20% lighter version of the original color is **7105639**, and **1250061** is the 20% darker color. If you saturate the color by 10%, you get **4013362**, and if you desaturate by 10%, it is **4013374**.

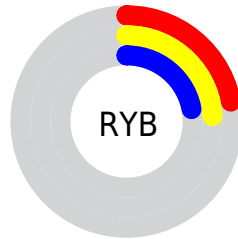
Distribution



Red (24%)

Green (24%)

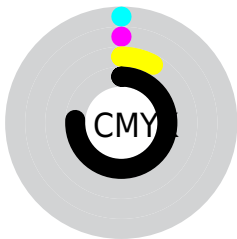
Blue (22%)



Red (22%)

Yellow (24%)

Blue (22%)

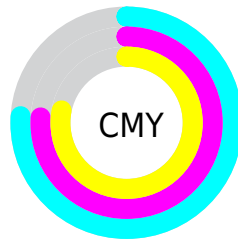


Cyan (0%)

Magenta (0%)

Yellow (8%)

Black (76%)



Cyan (76%)

Magenta (76%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4013368 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 4013368 by changing the saturation by 10% instead.



4013368



4013368

16777215



2565923



7105639



1250061



8816256



0



10526874



12303285



14079696



15987692



4013368



4013368



4013362



4013374

■ 4013356

■ 4013380

■ 4013350

■ 4013386

■ 4013344

■ 4013392

■ 4013337

■ 4013399

■ 4013331

■ 4013405

■ 4013325

■ 4013411

■ 4013319

■ 4013417

■ 4013313

■ 4013423

Harmonies

Analogous

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



4209720



4013368



3817017

Triad

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



4013368



3620416



4275006

Complementary

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



4013368



3684413

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.



4144192



4013368



3751233

Square

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



4013368



3620414



3947585



4340539

Rectangle

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



4013368



3685947



3947585



4275006

Sweetspot

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



4013368



5197645



4012088



2697512



11053224



2697513

Same Dimension

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



4013368



5197639



3882296



2039580



6184448



14605824

Inverse Universe

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



3684413



4671311



3881021



1842207



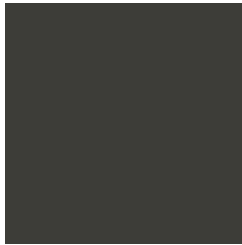
94



222

Previews

White Background



This preview shows how the Decimal color 4013368 looks on a white background.

Color Contrast Check

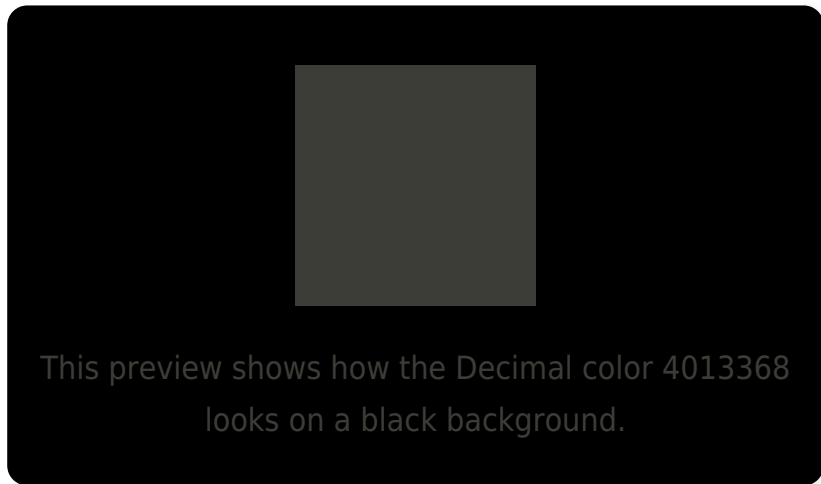
Large Text (above 18pt) WCAG AA ✓ Pass

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

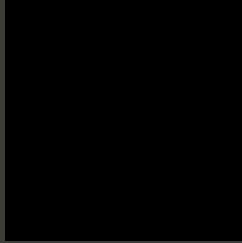
Any Text WCAG AA × Fail

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 4013368 Background



This preview shows how black text looks on a background with the Decimal color 4013368.



This preview shows how white text looks on a background with the Decimal color 4013368.

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

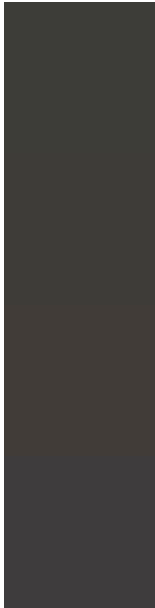


Original Color
4013368

Protanopia
4144184

Deuteranopia
4471608

Trichromacy



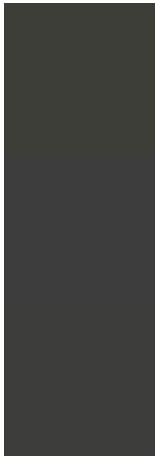
Original Color
4013368

Protanomaly
4078648

Deuteranomaly
4275256

Tritanomaly
4078653

Monochromacy



Original Color
4013368

Achromatopsia
3947580

Achromatomaly
3947579

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4013368 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 #3D3D38 looks like.

```
.text, #text, p{  
  color:#3D3D38  
}
```

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 #3D3D38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D3D38  
}
```

Border

The CSS property to change the border of an element to Decimal 4013368 is called "border". The border property can be set on classes, ids or directly on the HTML element.

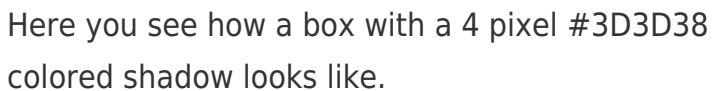
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#3D3D38 }
```

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

```
.border{ border-color:#3D3D38 }
```

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



Here you see how a box with a 4 pixel #3D3D38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D3D38; -webkit-box-shadow:4px 4px  
4px 4px #3D3D38; box-shadow:4px 4px 4px  
4px #3D3D38 }
```

Background

The CSS property to change the background color of an element to Decimal 4013368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D3D38 }
```

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

```
.background{ background-color:#3D3D38 }
```

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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