

Converting Colors

Decimal(4011576)

Have a look what the booklet for
Decimal(4011576) contains.

Decimal(4011576)	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(4011576)

Conversions

Conversions Part 1

Format	Color
Hex	3D3638
RGB	61, 54, 56
RGB Percent	24%, 21%, 22%
CMY	0.7608, 0.7882, 0.7804
CMYK	0.00, 0.11, 0.08, 0.76
HSL	343°, 6%, 23%
HSV	343°, 11%, 24%
XYZ	3.9574, 3.9160, 4.2887
YIQ	56.3210, 3.5300, 2.1060

Conversions

Conversions Part 2

Format	Color
RYB	61, 54, 56
Decimal	4011576
CIELab	23.39, 3.51, -0.13
CIELCh	23, 3.510, 357.850
Yxy	3.9160, 0.3254, 0.3220
Android (android.graphics.Color)	4282201656 (0xFF3D3638)
YUV	56.3210, -0.1583, 4.1035
Hunter-Lab	19.7888, 1.0668, 1.0027

Details

The Decimal color **4011576** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3554619**, and the grayscale version is **3684408**.

A 20% lighter version of the original color is **7103847**, and **1247757** is the 20% darker color. If you saturate the color by 10%, you get **4010036**, and if you desaturate by 10%, it is **4013116**.

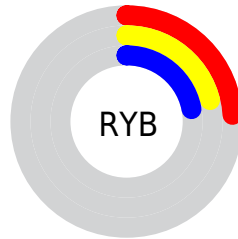
Distribution



 Red (24%)

 Green (21%)

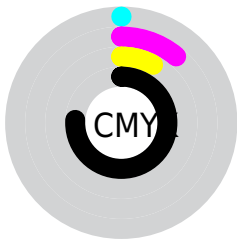
 Blue (22%)



 Red (24%)

 Yellow (21%)

 Blue (22%)

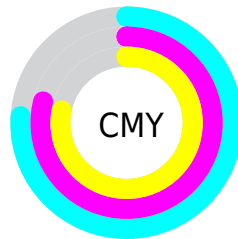


 Cyan (0%)

 Magenta (11%)

 Yellow (8%)

 Black (76%)



 Cyan (76%)

 Magenta (79%)

 Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4011576 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 4011576 by changing the saturation by 10% instead.

■ 4011576

■ 4011576

16777215

■ 2564387

■ 7103847

■ 1247757

■ 8814208

■ 0

■ 10524570

■ 12300981

■ 14143184

■ 15985388

■ 4011576

■ 4011576

■ 4010036

■ 4013116

■ 4008495

■ 4014657

■ 4006955

■ 4016197

■ 4005415

■ 4017737

■ 4003874

■ 4019534

■ 4002078

■ 4021074

■ 4000537

■ 4022615

■ 3998997

■ 4024155

■ 3997713

■ 4025695

Harmonies

Analogous

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



3880507



4011576



4011573

Triad

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



4011576



3618867



3291452

Complementary

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



4011576



3554619

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.



3225914



4011576



3422517

Square

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



4011576



3815219



3291447



3487805

Rectangle

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



4011576



4011572



3291447



3291451

Sweetspot

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



4011576



5197133



3880509



2697000



11053224



2697513

Same Dimension

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



4011576



5194823



4011830



2038812



6160411



14549055

Inverse Universe

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



4011576



5194823



3554365



2038812



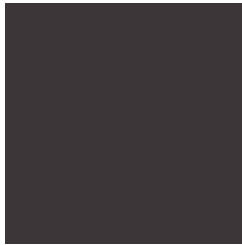
6160411



14549055

Previews

White Background



This preview shows how the Decimal color 4011576 looks on a white background.

Color Contrast Check

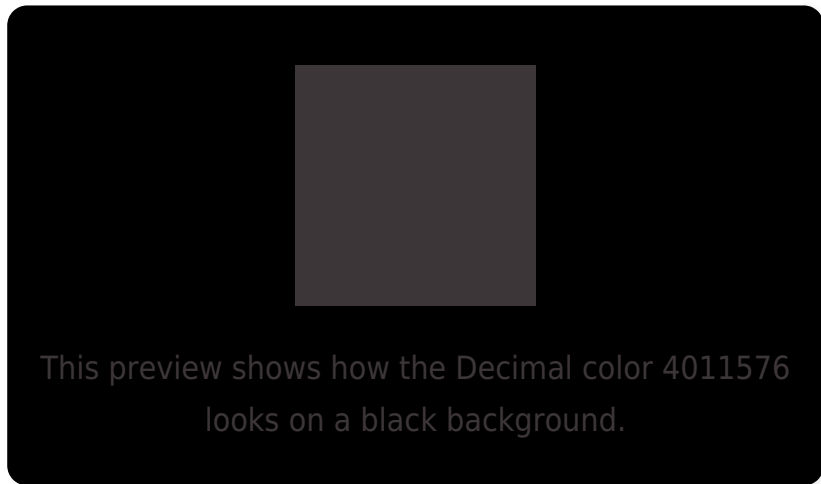
Large Text (above 18pt) WCAG AA ✓ Pass

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

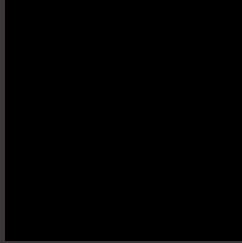
Any Text WCAG AA × Fail

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 4011576 Background



This preview shows how black text looks on a background with the Decimal color 4011576.

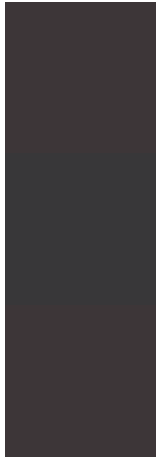


This preview shows how white text looks on a background with the Decimal color 4011576.

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
4011576

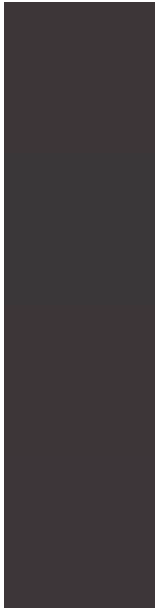
Protanopia
3684153

Deuteranopia
4011576



Tritanopia
4011578

Trichromacy



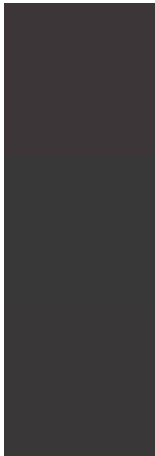
Original Color
4011576

Protanomaly
3815225

Deuteranomaly
4011576

Tritanomaly
4011577

Monochromacy



Original Color
4011576

Achromatopsia
3684408

Achromatomaly
3815224

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4011576 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 #3D3638 looks like.

```
.text, #text, p{  
    color:#3D3638  
}
```

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 #3D3638 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D3638
}
```

Border

The CSS property to change the border of an element to Decimal 4011576 is called "border". The border property can be set on classes, ids or directly on the HTML element.

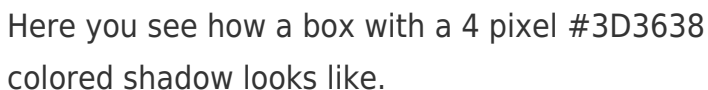
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D3638 }
```

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

```
.border{ border-color:#3D3638 }
```

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



Here you see how a box with a 4 pixel #3D3638 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D3638; -webkit-box-shadow:4px 4px  
4px 4px #3D3638; box-shadow:4px 4px 4px  
4px #3D3638 }
```

Background

The CSS property to change the background color of an element to Decimal 4011576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D3638 }
```

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

```
.background{ background-color:#3D3638 }
```

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