

Converting Colors

Decimal(4030013)

Have a look what the booklet for
Decimal(4030013) contains.

Decimal(4030013)	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(4030013)

Conversions

Conversions Part 1

Format	Color
Hex	3D7E3D
RGB	61, 126, 61
RGB Percent	24%, 49%, 24%
CMY	0.7608, 0.5059, 0.7608
CMYK	0.52, 0.00, 0.52, 0.51
HSL	120°, 35%, 37%
HSV	120°, 52%, 49%
XYZ	10.2276, 16.2507, 7.0125
YIQ	99.1550, -17.8750, -33.9950

Conversions

Conversions Part 2

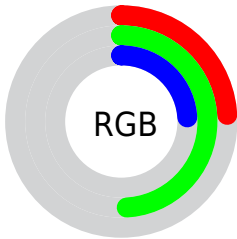
Format	Color
RYB	61, 126, 126
Decimal	4030013
CIELab	47.30, -35.03, 28.97
CIELCh	47, 45.461, 140.408
Yxy	16.2507, 0.3054, 0.4852
Android (android.graphics.Color)	4282220093 (0xFF3D7E3D)
YUV	99.1550, -18.8104, -33.4619
Hunter-Lab	40.3122, -25.2590, 17.9047

Details

The Decimal color **4030013** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **8273278**, and the grayscale version is **6513507**.

A 20% lighter version of the original color is **7517038**, and **19471** is the 20% darker color. If you saturate the color by 10%, you get **3178032**, and if you desaturate by 10%, it is **4881994**.

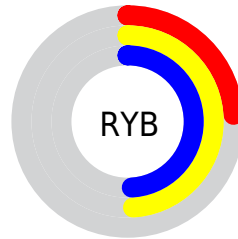
Distribution



Red (24%)

Green (49%)

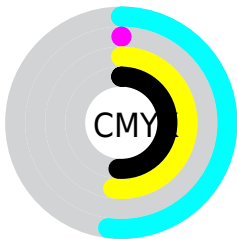
Blue (24%)



Red (24%)

Yellow (49%)

Blue (49%)

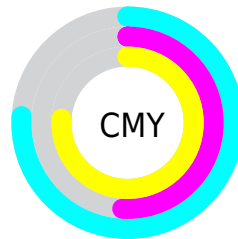


Cyan (52%)

Magenta (0%)

Yellow (52%)

Black (51%)



Cyan (76%)

Magenta (51%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4030013 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 4030013 by changing the saturation by 10% instead.

 4030013

 4030013

16777215

 2254118

 7517038

 19471

 9228168

 13568

 11070626

 8448

 12910526

 0

 14745561

 16711670

 4030013

 4030013

 3178032

 4881994

■ 2391588

■ 5668438

■ 1539607

■ 6520419

■ 753163

■ 7306863

■ 32256

■ 8158844

■ 9010825

■ 9797269

■ 10649250

■ 11435694

Harmonies

Analogous

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



7042595



4030013



33378

Triad

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



4030013



30907



11947864

Complementary

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



4030013



8273278

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.



11554686



4030013



6056888

Square

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



4030013



32938



9657249



11164470

Rectangle

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



4030013



33661



9657249



11947364

Sweetspot

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



4030013



9151371



8289853



4411971



13750737



5395026

Same Dimension

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



4030013



4105022



4030046



3751993



32768



0

Inverse Universe

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



8273278



10698403



8273246



4208960



8388736



0

Previews

White Background



This preview shows how the Decimal color 4030013 looks on a white background.

Color Contrast Check

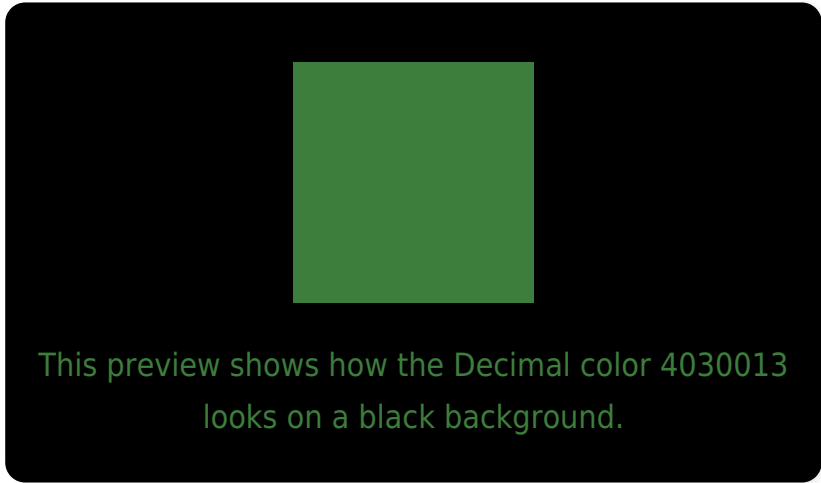
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4030013 Background



This preview shows how black text looks on a background with the Decimal color 4030013.



This preview shows how white text looks on a background with the Decimal color 4030013.

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
4030013

Protanopia
8089656

Deuteranopia
8940354



Tritanopia
5011328

Trichromacy



Original Color
4030013

Protanomaly
6583610

Deuteranomaly
7172672

Tritanomaly
4684392

Monochromacy



Original Color
4030013

Achromatopsia
6513507

Achromatomaly
5598549

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4030013 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 #3D7E3D looks like.

```
.text, #text, p{  
    color:#3D7E3D  
}
```

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 #3D7E3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D7E3D
}
```

Border

The CSS property to change the border of an element to Decimal 4030013 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
#3D7E3D }
```

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

```
.border{ border-color:#3D7E3D }
```

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

Here you see how a box with a 4 pixel #3D7E3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D7E3D; -webkit-box-shadow:4px 4px  
4px 4px #3D7E3D; box-shadow:4px 4px 4px  
4px #3D7E3D }
```

Background

The CSS property to change the background color of an element to Decimal 4030013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D7E3D }
```

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

```
.background{ background-color:#3D7E3D }
```

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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