

Converting Colors

Decimal(3034409)

Have a look what the booklet for
Decimal(3034409) contains.

Decimal(3034409)	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(3034409)

Conversions

Conversions Part 1

Format	Color
Hex	2E4D29
RGB	46, 77, 41
RGB Percent	18%, 30%, 16%
CMY	0.8196, 0.6980, 0.8392
CMYK	0.40, 0.00, 0.47, 0.70
HSL	112°, 31%, 23%
HSV	112°, 47%, 30%
XYZ	4.1808, 6.0487, 3.0450
YIQ	63.6270, -6.9200, -17.7680

Conversions

Conversions Part 2

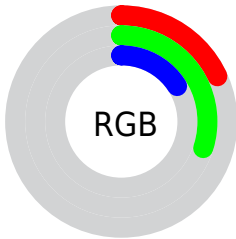
Format	Color
RYB	41, 77, 72
Decimal	3034409
CIELab	29.53, -19.77, 17.80
CIElCh	30, 26.605, 138.001
Yxy	6.0487, 0.3150, 0.4557
Android (android.graphics.Color)	4281224489 (0xFF2E4D29)
YUV	63.6270, -11.1551, -15.4589
Hunter-Lab	24.5941, -12.6959, 9.8752

Details

The Decimal color **3034409** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4729165**, and the grayscale version is **4210752**.

A 20% lighter version of the original color is **6192727**, and **139520** is the 20% darker color. If you saturate the color by 10%, you get **2575649**, and if you desaturate by 10%, it is **3493169**.

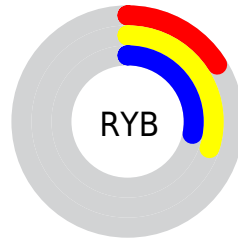
Distribution



Red (18%)

Green (30%)

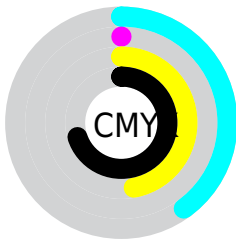
Blue (16%)



Red (16%)

Yellow (30%)

Blue (28%)

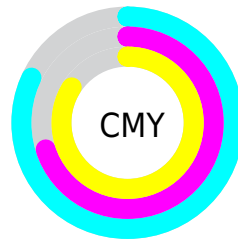


Cyan (40%)

Magenta (0%)

Yellow (47%)

Black (70%)



Cyan (82%)

Magenta (70%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3034409 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 3034409 by changing the saturation by 10% instead.

■ 3034409

■ 3034409

16777215

■ 1521172

■ 6192727

■ 139520

■ 7837807

■ 0

■ 9548681

■ 11325347

■ 13102014

■ 14942170

■ 16777207

■ 3034409

■ 3034409

■ 2575649

■ 3493169

■ 2182426

■ 3886392

■ 1723666

■ 4345152

■ 1264906

■ 4803912

■ 871683

■ 5197136

■ 740608

■ 5655895

■ 6049119

■ 6507879

■ 6966638

Harmonies

Analogous

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



4605981



3034409



479292

Triad

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



3034409



150126



7157050

Complementary

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



3034409



4729165

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.



6829391



3034409



3818349

Square

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



3034409



20068



5716833



6765096

Rectangle

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



3034409



20555



5716833



7091265

Sweetspot

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



3034409



5727062



5064745



2896682



11776947



3355443

Same Dimension

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



3034409



3367724



2706742



2303522



943616



2156032

Inverse Universe

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



4729165



6040675



5056832



2499110



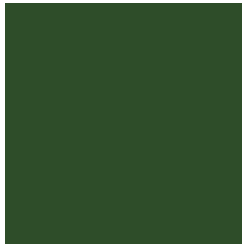
5767270



12976358

Previews

White Background



This preview shows how the Decimal color 3034409 looks on a white background.

Color Contrast Check

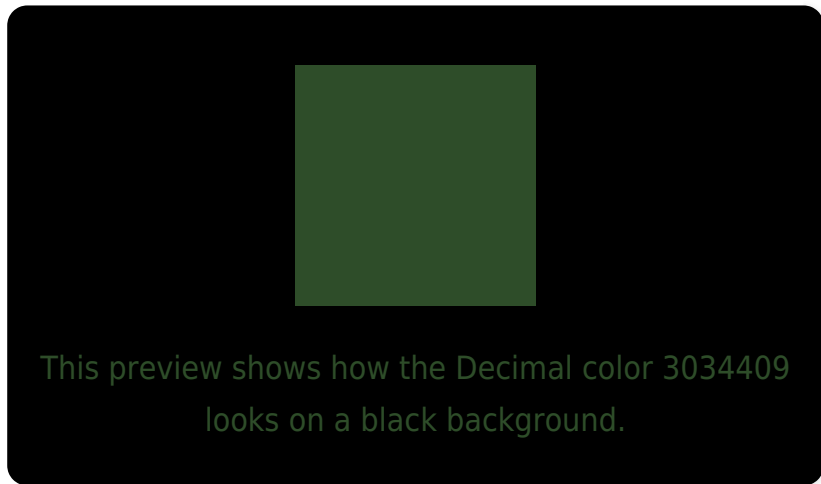
Large Text (above 18pt) WCAG AA ✓ Pass

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

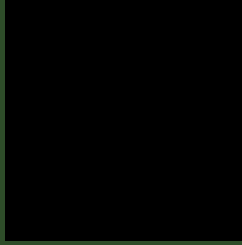
Any Text WCAG AA × Fail

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 3034409 Background



This preview shows how black text looks on a background with the Decimal color 3034409.



This preview shows how white text looks on a background with the Decimal color 3034409.

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
3034409

Protanopia
4998438

Deuteranopia
5521964



Tritanopia
3492175

Trichromacy



Original Color
3034409

Protanomaly
4278311

Deuteranomaly
4605483

Tritanomaly
3295809

Monochromacy



Original Color
3034409

Achromatopsia
4210752

Achromatomaly
3753272

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3034409 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 #2E4D29 looks like.

```
.text, #text, p{  
  color:#2E4D29  
}
```

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 #2E4D29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E4D29
}
```

Border

The CSS property to change the border of an element to Decimal 3034409 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
#2E4D29 }
```

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

```
.border{ border-color:#2E4D29 }
```

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

Here you see how a box with a 4 pixel #2E4D29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E4D29; -webkit-box-shadow:4px 4px  
4px 4px #2E4D29; box-shadow:4px 4px 4px  
4px #2E4D29 }
```

Background

The CSS property to change the background color of an element to Decimal 3034409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E4D29 }
```

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

```
.background{ background-color:#2E4D29 }
```

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