

Converting Colors

Decimal(3003966)

Have a look what the booklet for
Decimal(3003966) contains.

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Color

Decimal(3003966)

Conversions

Conversions Part 1

Format	Color
Hex	2DD63E
RGB	45, 214, 62
RGB Percent	18%, 84%, 24%
CMY	0.8235, 0.1608, 0.7569
CMYK	0.79, 0.00, 0.71, 0.16
HSL	126°, 67%, 51%
HSV	126°, 79%, 84%
XYZ	25.9983, 48.9988, 12.6449
YIQ	146.1410, -51.9320, -83.1000

Conversions

Conversions Part 2

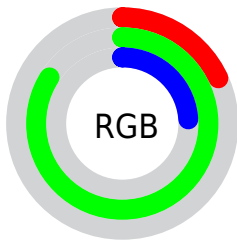
Format	Color
<code>RYB</code>	<code>45, 199, 214</code>
Decimal	<code>3003966</code>
CIELab	<code>75.45, -69.62, 60.10</code>
CIELCh	<code>75, 91.967, 139.197</code>
Yxy	<code>48.9988, 0.2966, 0.5591</code>
Android (<code>android.graphics.Color</code>)	<code>4281194046 (0xFF2DD63E)</code>
YUV	<code>146.1410, -41.4815, -88.7007</code>
Hunter-Lab	<code>69.9992, -56.2022, 38.2891</code>

Details

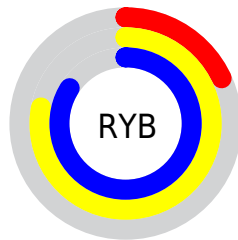
The Decimal color **3003966** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **14036421**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **7929718**, and **40448** is the 20% darker color. If you saturate the color by 10%, you get **1627691**, and if you desaturate by 10%, it is **4380241**.

Distribution



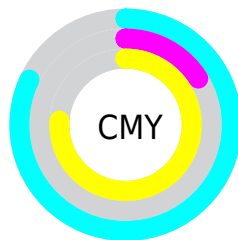
- Red (18%)
- Green (84%)
- Blue (24%)



- Red (18%)
- Yellow (78%)
- Blue (84%)



- Cyan (79%)
- Magenta (0%)
- Yellow (71%)
- Black (16%)



- Cyan (82%)
- Magenta (16%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3003966 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 3003966 by changing the saturation by 10% instead.

■ 3003966

■ 3003966

16777215

■ 47391

■ 7929718

■ 40448

■ 10026897

■ 33280

■ 12058541

■ 26624

■ 14090186

■ 19968

■ 16121831

■ 13824

■ 7168

■ 0

■ 3003966

■ 3003966

■ 1627691

■ 4380241

■ 185880

■ 5822052

■ 54806

■ 7198328

■ 8640139

■ 10016414

■ 11392689

■ 12834501

■ 14210776

■ 15652587

Harmonies

Analogous

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



11322880



3003966



56983

Triad

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



3003966



52735



16735880

Complementary

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



3003966



14036421

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.



16735964



3003966



6861311

Square

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



3003966



56319



16746495



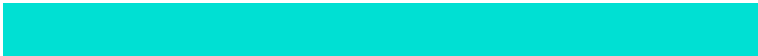
16745527

Rectangle

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



3003966



57555



16746495



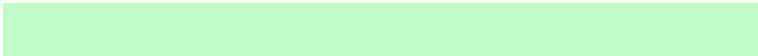
16734116

Sweetspot

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



3003966



12779464



12965421



5996638



0



8421504

Same Dimension

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



3003966



917285



3004050



6318945



43793



11012

Inverse Universe

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



14036421



16715239



14036337



7037034



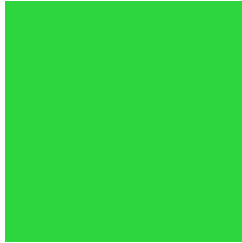
11206810



2818087

Previews

White Background



This preview shows how the Decimal color 3003966 looks on a white 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

Black Background



This preview shows how the Decimal color 3003966 looks on a black 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

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

Decimal 3003966 Background



This preview shows how black text looks on a background with the Decimal color 3003966.

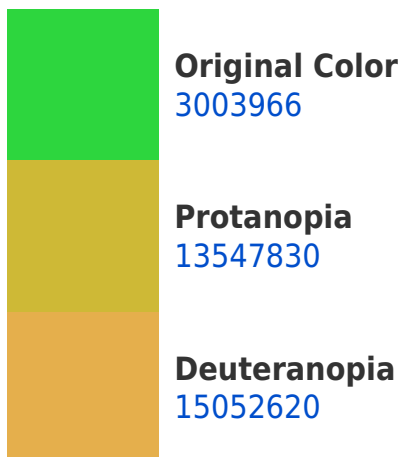


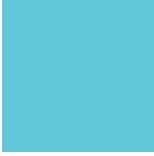
This preview shows how white text looks on a background with the Decimal color 3003966.

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](#).

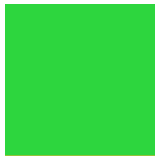
Dichromacy





Tritanopia
6342872

Trichromacy



Original Color
3003966



Protanomaly
9684025



Deuteranomaly
10665287



Tritanomaly
5098912

Monochromacy



Original Color
3003966



Achromatopsia
9605778



Achromatomaly
7187315

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3003966 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 #2DD63E looks like.

```
.text, #text, p{  
    color:#2DD63E  
}
```

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 #2DD63E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DD63E
}
```

Border

The CSS property to change the border of an element to Decimal 3003966 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
#2DD63E }
```

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

```
.border{ border-color:#2DD63E }
```

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

Here you see how a box with a 4 pixel #2DD63E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DD63E; -webkit-box-shadow:4px 4px  
4px 4px #2DD63E; box-shadow:4px 4px 4px  
4px #2DD63E }
```

Background

The CSS property to change the background color of an element to Decimal 3003966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DD63E }
```

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

```
.background{ background-color:#2DD63E }
```

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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