

Converting Colors

Decimal(2836015)

Have a look what the booklet for
Decimal(2836015) contains.

Decimal(2836015)	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(2836015)

Conversions

Conversions Part 1

Format	Color
Hex	2B462F
RGB	43, 70, 47
RGB Percent	17%, 27%, 18%
CMY	0.8314, 0.7255, 0.8157
CMYK	0.39, 0.00, 0.33, 0.73
HSL	129°, 24%, 22%
HSV	129°, 39%, 27%
XYZ	3.6995, 5.0991, 3.4786
YIQ	59.3050, -8.7090, -12.8770

Conversions

Conversions Part 2

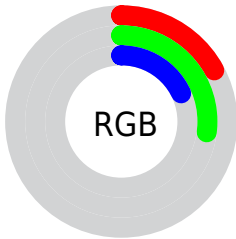
Format	Color
RYB	43, 67, 70
Decimal	2836015
CIELab	27.02, -15.96, 10.70
CIELCh	27, 19.218, 146.158
Yxy	5.0991, 0.3013, 0.4153
Android (android.graphics.Color)	4281026095 (0xFF2B462F)
YUV	59.3050, -6.0664, -14.2995
Hunter-Lab	22.5813, -10.2735, 6.6735

Details

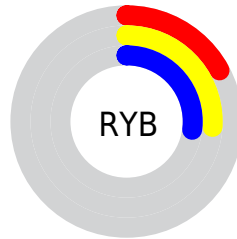
The Decimal color **2836015** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4598594**, and the grayscale version is **3881787**.

A 20% lighter version of the original color is **5928797**, and **6912** is the 20% darker color. If you saturate the color by 10%, you get **2377257**, and if you desaturate by 10%, it is **3294773**.

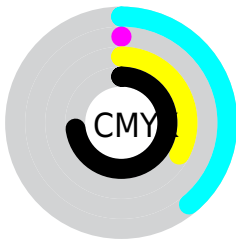
Distribution



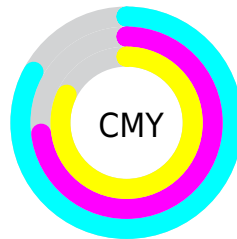
- Red (17%)
- Green (27%)
- Blue (18%)



- Red (17%)
- Yellow (26%)
- Blue (27%)



- Cyan (39%)
- Magenta (0%)
- Yellow (33%)
- Black (73%)



- Cyan (83%)
- Magenta (73%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2836015 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 2836015 by changing the saturation by 10% instead.

■ 2836015

■ 2836015

16777215

■ 1388314

■ 5928797

■ 6912

■ 7573622

■ 0

■ 9218959

■ 10995370

■ 12772037

■ 14614497

■ 16515070

■ 2836015

■ 2836015

■ 2377257

■ 3294773

■ 1918499

■ 3753531

■ 1459741

■ 4212289

■ 1000983

■ 4671047

■ 542225

■ 5129805

■ 83467

■ 5588563

■ 17930

■ 6047321

■ 6506079

■ 6964837

Harmonies

Analogous

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



3949349



2836015



1525821

Triad

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



2836015



2572893



6042932

Complementary

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



2836015



4598594

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.



5977410



2836015



4144474

Square

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



2836015



738904



5322832



5650728

Rectangle

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



2836015



477255



5322832



6108472

Sweetspot

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



2836015



5332050



4343339



2567720



11382189



3026478

Same Dimension

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



2836015



3300408



2836028



2106401



25359



58146

Inverse Universe

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



4598594



6042198



4598581



2367523



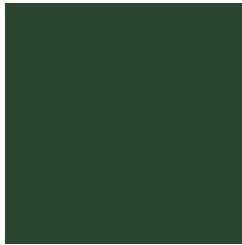
6488149



14876865

Previews

White Background



This preview shows how the Decimal color 2836015 looks on a white background.

Color Contrast Check

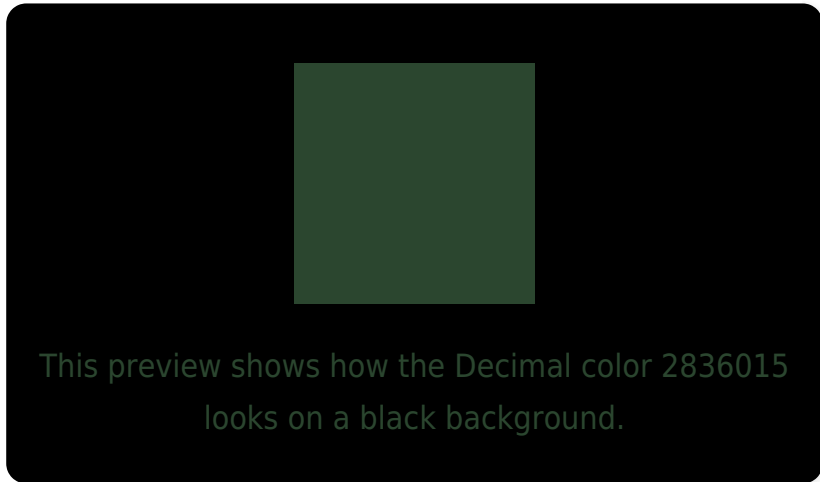
Large Text (above 18pt) WCAG AA ✓ Pass

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

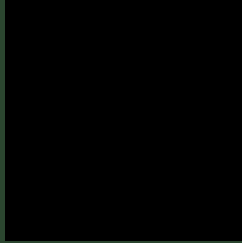
Any Text WCAG AA × Fail

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 2836015 Background



This preview shows how black text looks on a background with the Decimal color 2836015.



This preview shows how white text looks on a background with the Decimal color 2836015.

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
2836015

Protanopia
4538412

Deuteranopia
4930865

Trichromacy



Original Color
2836015

Protanomaly
3949101

Deuteranomaly
4145200

Tritanomaly
3032127

Monochromacy



Original Color
2836015

Achromatopsia
3881787

Achromatomaly
3489591

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2836015 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 #2B462F looks like.

```
.text, #text, p{  
  color:#2B462F  
}
```

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 #2B462F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B462F
}
```

Border

The CSS property to change the border of an element to Decimal 2836015 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".

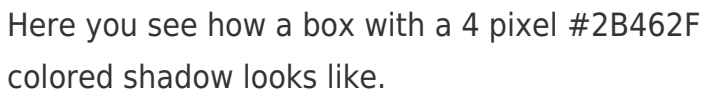
```
.border, #border, table{ border:4px solid
#2B462F }
```

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

```
.border{ border-color:#2B462F }
```

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

Here you see how a box with a 4 pixel #2B462F colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #2B462F colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B462F; -webkit-box-shadow:4px 4px  
4px 4px #2B462F; box-shadow:4px 4px 4px  
4px #2B462F }
```

Background

The CSS property to change the background color of an element to Decimal 2836015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B462F }
```

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

```
.background{ background-color:#2B462F }
```

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